DOCUMENT RESUME

ED 393 450 IR 055 853

AUTHOR	Kyrillidou, Martha, Comp.; And Others
TITLE	ARL Statistics 1994-95: A Compilation of Statistics from the One Hundred and Nineteen Members of the Association of Research Libraries.
INSTITUTION	Association of Research Libraries, Washington, D.C.
REPORT NO	ISSN-0147-2135
PUB DATE	96
NOTE	115p.; For the 1993-94 statistics, see ED 380 139.
AVAILABLE FROM	Association of Research Libraries, 21 Dupont Circle, Suite 800, Washington, DC 20036 (subscription: ARL Members $35/year; Nonmembers, $65/year, plus $5 shipping and handling).
PUB TYPE	Statistical Data (110) -- Reports - Research/Technical (143) -- Tests/Evaluation Instruments (160)
EDRS PRICE	MF01/PC05 Plus Postage.
DESCRIPTORS	Annual Reports; College Libraries; Higher Education; Interlibrary Loans; *Library Collections; *Library Expenditures; Library Materials; *Library Personnel; *Library Services; *Library Statistics; *Research Libraries; Tables (Data)
IDENTIFIERS	Association of Research Libraries

ABSTRACT

This annual publication describes the collections, staffing, expenditures, and public service activities for the 108 university and 11 nonuniversity members of the Association of Research Libraries (ARL) during the 1994-95 fiscal year. This particular edition offers instructions for locating interactive ARL statistics on the world wide web, a 35-item selected bibliography, summary data tables on collections, expenditures, and personnel and public services, an analysis of selected variables, and statistics on Ph.D., faculty, and enrollment. A collection of rank order tables offers statistical information on: volumes in library; volumes added (gross); current serials (totals); microform holdings; government documents; materials expenditures; salaries and wages expenditures; other operating expenditures; total library expenditures; monographs purchased (volumes); expenditures for monographs; serials purchased (subscriptions); expenditures for serials; total items loaned; total items borrowed, professional staff full-time equivalent (FTE); support staff (FTE); and total staff (FTE). A copy of the ARL statistics questionnaire is provided along with footnotes to the statistics and a list of ARL members. (BEW)

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ARL Statistics 1994-95

Association of Research Libraries
ISSN 0147-2135

ED 393 450

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ARL STATISTICS 1994-95

A Compilation of Statistics
from the One Hundred and Nineteen Members of the
Association of Research Libraries

Compiled and Edited by

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Kendon Stubbs

Association of Research Libraries
Washington, DC
1996

The *ARL Statistics* is published annually by

Association of Research Libraries
21 Dupont Circle, Suite 800
Washington, DC 20036
Telephone: (202) 296-2296
FAX: (202) 872-0884
email: arlhq@cni.org

Price: ARL Members $35/year, plus $5 shipping and handling
Nonmembers $65/year, plus $5 shipping and handling

The following datafiles with accompanying documentation are available from the ARL Publications Office for $15.00 each:

- *Research Library Statistics, 1907-08 through 1991-92*
- *ARL Statistics 1992-93*
- *ARL Statistics 1993-94*
- *ARL Statistics 1994-95*

The quantitative rank order tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

ISSN: 0147-2135

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Printed in the United States of America

TABLE OF CONTENTS

Interactive ARL Statistics on the World Wide Web 5

Introduction 7

Selected Bibliography 17

ARL Library Data Tables 1994-95

Collections 22
Summary Data 28
Expenditures 30
Summary Data 36
Personnel and Public Services 38
Summary Data 44

Analysis of Selected Variables 46

Ph.D., Faculty, and Enrollment Statistics 47
Summary Data 49

Rank Order Tables of University Libraries

Summary of Rank Order Tables 52

Individual Tables
1. Volumes in Library 55
2. Volumes Added (Gross) 56
3. Current Serials Total 57
4. Microform Units 58
5. Government Documents 59
6. Total Library Materials Expenditures 60
7. Total Salaries and Wages Expenditures 61
8. Other Operating Expenditures 62
9. Total Library Expenditures 63
10. Monographs Purchased (Volumes) 64
11. Expenditures for Monographs 65
12. Current Serials Purchased (Subscriptions) 66
13. Expenditures for Current Serials 67
14. Total Items Loaned 68
15. Total Items Borrowed 69
16. Professional Staff (FTE) 70
17. Support Staff (FTE) 71
18. Total Staff (FTE) 72

ARL Statistics Questionnaire, 1994-95 75

Footnotes to the ARL Statistics, 1994-95 87

Appendix A. List of ARL Member Libraries 117

GRAPHS

1. Service Trends in ARL Libraries, 1991-95 8
2. Monograph and Serials Costs in ARL Libraries, 1986-1995 10
3. Supply and Demand in ARL Libraries, 1986-1995 12
4. Resources per Student in ARL Libraries, 1986-1995 14

INTERACTIVE ARL STATISTICS ON THE WORLD WIDE WEB

ARL Statistics 1994-95 are also available on the WWW, supplementing previously available data from 1992-93. Maintained and supported by the Social Sciences Data Center at the University of Virginia, this page offers researchers access to the *ARL Statistics* in spreadsheet format with documentation. These files can be downloaded through a browser to your local computer and then manipulated with Excel or Quattro or Lotus for local needs. The page is formatted for the Netscape 1.1 or more recent browser, but other browsers may be used to access the data.

In addition to FTP and other downloading capabilities, the page now offers maps and graphics of selected ARL data for viewing and printing. For the particularly adventurous, this page links to an interactive graphics and statistics page, allowing users to manipulate their data queries. One may choose univariate, bivariate, or multivariate statistics in addition to a vast array of selections with which to customize a query. The interactive page also includes options for regional aggregates, customized samples of observations, and even simple rank order tabulations of data.

These pages and their options may be accessed by seeking the ARL Statistics home page:

<URL: http://arl.cni.org/stats/Statistics/stat.html>

or the Social Sciences Data Center home page:

<URL: http://www.lib.virginia.edu/socsci/arl/test-arl/>

or gopher:

gopher arl.cni.org, select "Statistics and Measurement"

or FTP:

ftp arl.cni.org, login as "anonymous", cd stats

INTRODUCTION

The 1994-95 *ARL Statistics* is the latest in a series of annual publications that describe the collections, staffing, expenditures, and public service activities for the 119 member libraries of the Association of Research Libraries (ARL) in 1994-95. Of these, 108 are university libraries; the remaining 11 represent a mixture of public, governmental, and private research collections. A complete listing of the ARL member libraries is provided as Appendix A. ARL member libraries are the largest research libraries in North America, representing 15 Canadian and 104 U.S. research institutions. The academic libraries, which comprise 90% of the membership, include 13 Canadian and 95 U.S. libraries.

Statistics have been collected and published annually for the members of the Association of Research Libraries since 1961-62. Before that, annual statistics for university libraries were collected by James Gerould, first at Minnesota and later at Princeton.[1] These data cover the years 1907-08 through 1961-62 and are now called the Gerould statistics.[2] The whole data series from 1908 to the present represents the oldest and most comprehensive continuing library statistical series in North America. Currently, data since 1992-93 are available over the Internet. The electronic publication of the ARL Statistics on the World Wide Web (WWW), developed by Spencer Graf at the Social Sciences Data Center at the University of Virginia, features an interactive data analysis component that allows readers to conduct univariate, bivariate, and multivariate analysis. For more information see <URL: http://arl.cni.org/> and select ARL Statistics and Measurement.

Of all academic libraries in North America, members of the association represent a relatively small subset but they account for a large portion of academic library resources in size of assets, the budgets, and the number of users they serve. Although limited to describing only ARL member institutions, the ARL data are indicators of library trends for North America in general.

SERVICE TRENDS

For some years, measurements of service have been collected through the ARL Supplementary Statistics questionnaire. With the increasing recognition that the success of an academic library is dependent not only on the number of books in the collection but rather on how often the books are used, the measurement of service has become increasingly important. This year's survey includes six questions about public service activities that have been collected in the past through the Supplementary Survey: circulations (initial, total, and reserve), reference transactions, and library instruction (group presentations and participants in these presentations). Together with the interlibrary loan questions, the new service questions describe a range of user-initiated activities in ARL libraries. Readers should be cautious when they use these data for comparison because local policies can influence such activities. For example, loan periods vary widely among libraries and the number of transactions a library reports depends to some extent on the length of loan periods.

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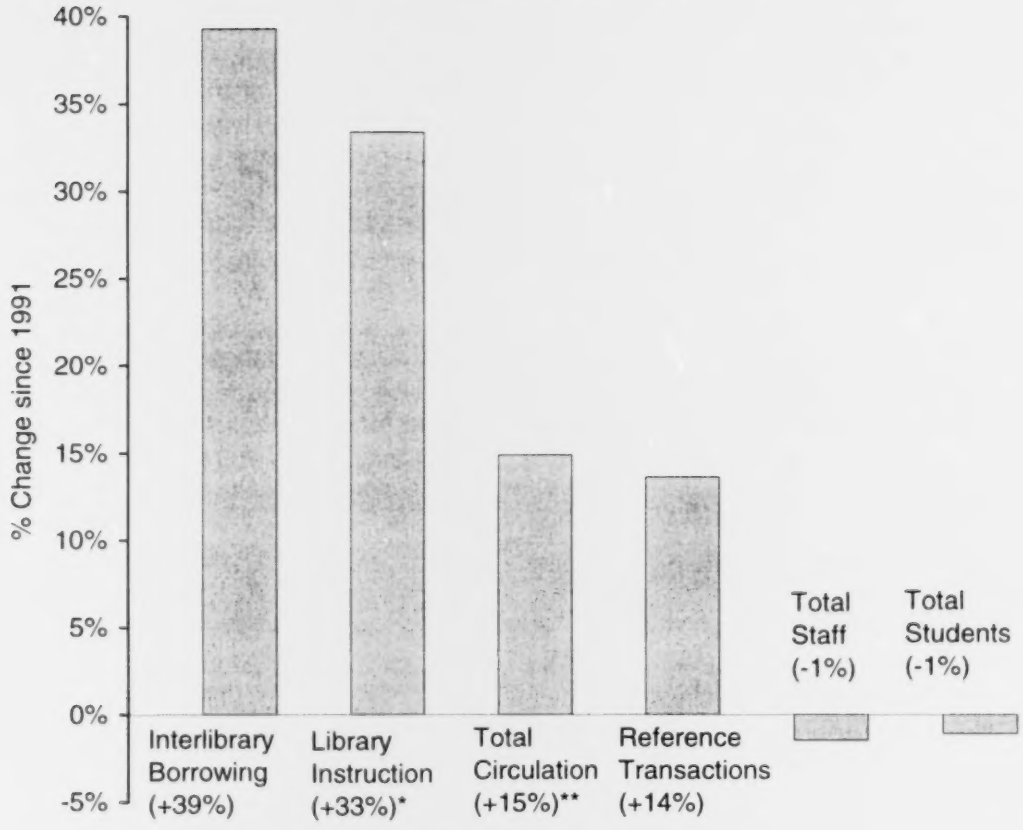
[1] Kendon L. Stubbs and Robert E. Molyneux, *Research Library Statistics 1907-08 through 1987-88* (Washington, DC: Association of Research Libraries, 1990).

[2] Robert E. Molyneux, *The Gerould Statistics 1907/08-1961/62*. (Washington, DC: Association of Research Libraries, 1986).

Graph 1: Service Trends in ARL Libraries, 1991-95



* LIbrary Instruction represents the number of Group Presentations

** Total circulation includes Initial and Renewals but excludes Reserve circulation

Table 1
Service Trends in ARL Libraries, 1991-1995
Median Values for Time-Series Trends

Year	Interlibrary Borrowing	Library Instruction	Total Circulation	Reference Transactions	Total Staff	Total Students
(No. of Libraries)	(106)	(87)	(87)	(83)	(106)	(106)
1991	10,342	512	501,128	131,441	271	18,290
1992	11,318	535	536,039	132,574	267	18,273
1993	12,486	620	559,383	139,044	263	18,450
1994	13,996	569	570,671	152,706	266	18,287
1995	14,403	683	575,731	149,326	267	18,089
Annual average percent	8.6%	7.5%	3.5%	3.2%	-0.4%	-0.3%

With this in mind, it is useful to look at the growth of services in the aggregate. Graph 1 illustrates that there has been a significant increase in the aggregate of services delivered to users without a corresponding increase in the staffing of libraries. It makes clear that user demand for research library services has risen considerably faster than both numbers of users and library staffs. During the 1990s, ARL library staffs and their primary customer groups of students have remained essentially constant. But in only five years, interlibrary borrowing for students and faculty has risen by more than a third, instructional sessions in libraries by a third, and circulations and information contacts by around 15%. Other evidence indicates that the increasing availability of information in electronic form is coming closer to meeting the information needs of students and enhancing the ways in which research libraries provide service.

For example, online catalogs have made library resources more easily accessible to library users, consequently increasing circulation of materials. New information tools such as CD-ROMs have increased the number of reference questions. Perhaps most interestingly, by 1995 one of every four instructional sessions in a typical ARL library had been added since 1991. The 108 academic library members provided 68,000 teaching sessions during 1994-95. If we assume that each session was an hour or more, then, on the average, the typical ARL library offered the equivalent of 14 three-hour credit courses last year.

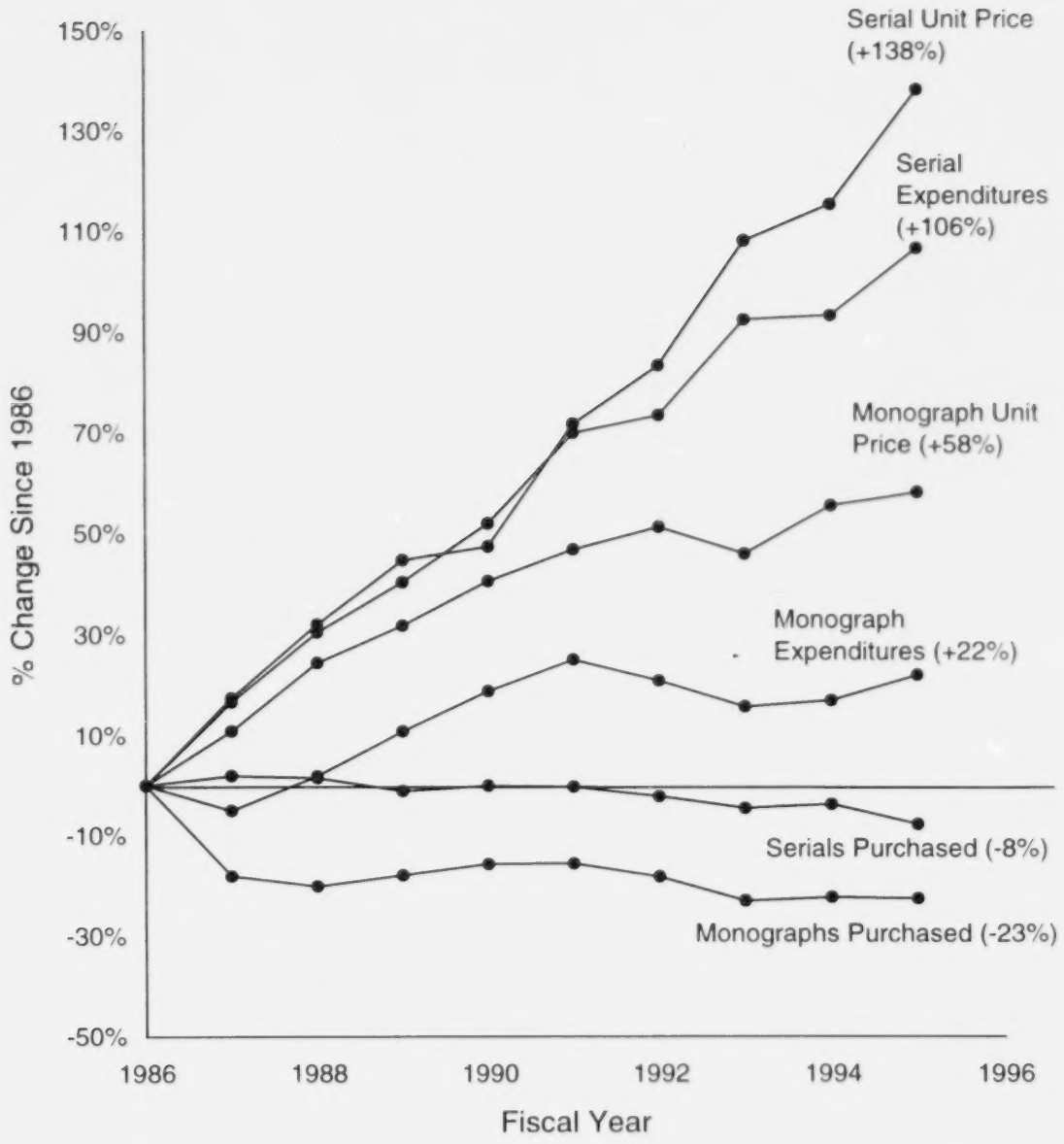
These increases in service activities were carried out by approximately the same number of staff as in 1991. In five years staff in ARL libraries accommodated increases of 13,000 instructional sessions, almost 10 million additional circulations, and almost 2 million additional requests for information assistance from students and faculty. Clearly a great amount of restructuring and re-engineering of staff functions has been underway in ARL libraries to accommodate increases of these magnitudes in staff workloads.

The Decline of Ownership

While demand for library services is increasing drastically, library budgets cannot keep up with serial and monograph inflation costs. Graph 2, entitled "Monograph and Serial Costs," tells this story. As serial subscriptions are canceled and monograph acquisitions reduced, services such as interlibrary loan are used more heavily as shown in Graph 3 and entitled "Supply and Demand." Additionally, "Resources per Student" are reduced as shown in Graph 4 which has the same descriptive title.

Although it is tempting to draw generalizations from these major trends, it would be a mistake to oversimplify. The environment of academic and research libraries is complex. To some extent, these trends are tied to the transformational nature of new technologies and networking capabilities. Although most monograph and serial titles are still produced in a paper format, traditional formats are being challenged by electronic production and dissemination of scholarly information. Electronic communication and the establishment of networks, consortia, and interinstitutional agreements are similarly making the dissemination of information more effective not only for digitized materials but for printed books and/or photocopies as well. Other possible explanations for the trends above could also include the strong emphasis on scientific and technical research, expectations for timely information, and the twigging effect of specialization in new fields of knowledge. No matter what the underlying causal relations, research libraries are exchanging some of the traditional archival imperatives for the demands of "information here and now."

Graph 2: Monograph and Serial Costs in ARL Libraries, 1986-1995



Source: *ARL Statistics* 1994-95, Association of Research Libraries, Washington DC

Table 2
Monograph and Serial Costs in ARL Libraries, 1986-1995
Median Values for Time-Series Trends

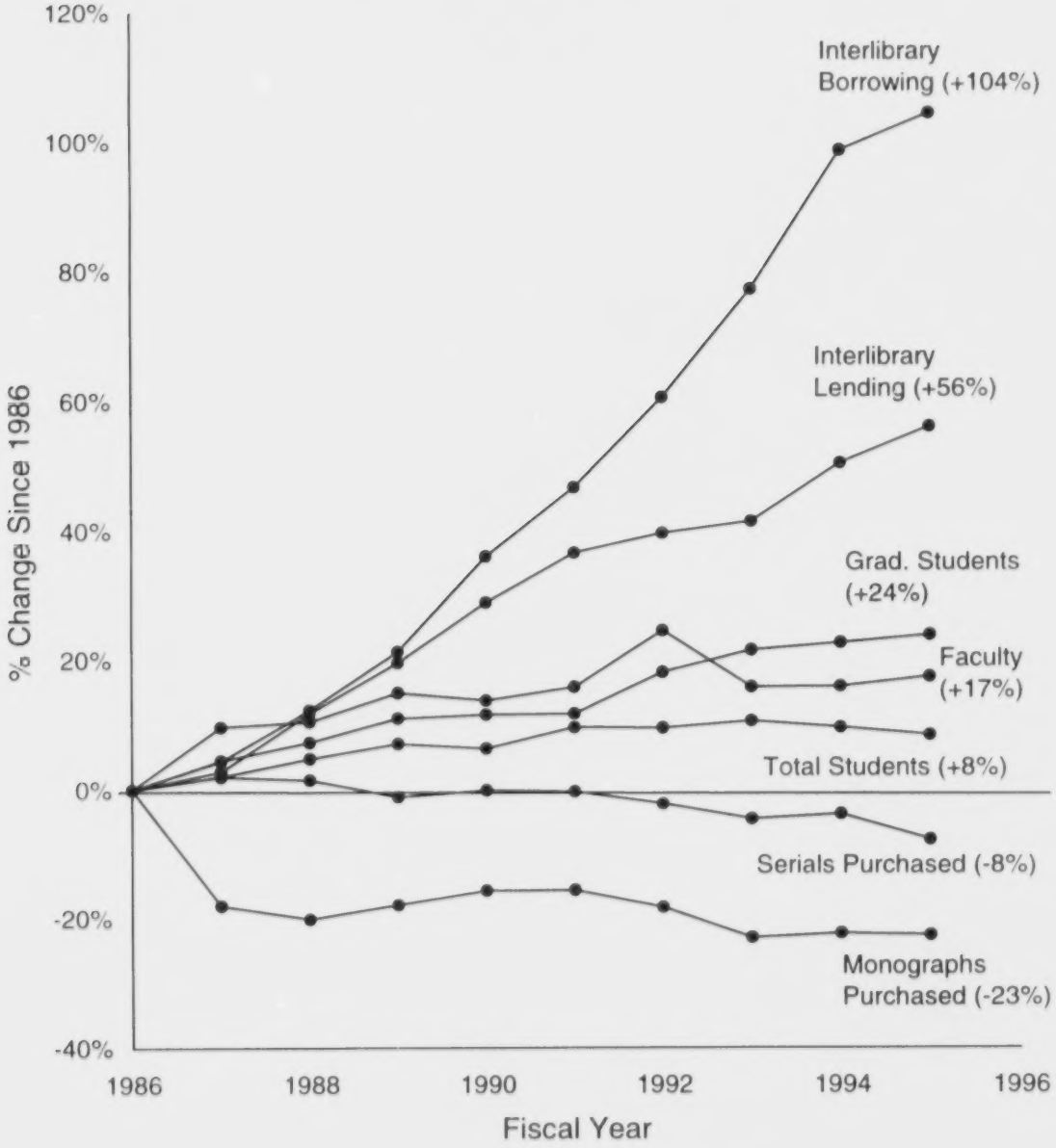
Year	Serial Unit Price	Serial Expenditures	Monograph Unit Price	Monograph Expenditures	Serials Purchased	Monographs Purchased
(No. of Libraries)	(43)	(103)	(63)	(99)	(43)	(63)
1986	$88.81	$1,517,724	$28.65	$1,120,645	16,198	33,210
1987	$104.30	$1,770,567	$31.76	$1,064,484	16,518	27,214
1988	$117.25	$1,979,604	$35.63	$1,141,226	16,443	26,541
1989	$128.47	$2,130,162	$37.74	$1,241,133	16,015	27,268
1990	$130.81	$2,304,744	$40.26	$1,330,747	16,182	27,999
1991	$152.43	$2,578,309	$42.04	$1,400,738	16,149	28,027
1992	$162.72	$2,630,827	$43.31	$1,353,865	15,846	27,158
1993	$184.71	$2,919,756	$41.78	$1,295,807	15,463	25,583
1994	$191.13	$2,932,091	$44.51	$1,309,807	15,583	25,803
1995	$211.29	$3,133,885	$45.27	$1,365,575	14,942	25,719
Annual average percent change	11.4%	9.5%	5.9%	2.5%	-1.0%	-3.1%

In more specific terms, ARL data show that since 1986 ARL libraries doubled expenditures for serials while buying 8% fewer serials (Table 2 and Graph 2). During the last decade, libraries shifted expenditures for monographs to meet some of the demands of increasing serial prices and reduced the number of monograph purchases by 23%, while the unit price for monographs increased by 58%.

The "serial crisis" trend has increased in an alternating manner for the last six years, years of two-digit inflation are followed by years of one-digit inflation. One may wonder why we are talking about a "crisis" as it is more than a decade since this pattern has emerged, and it seems to be the natural flow rather than an unexpected and culminating event. Serial cancellations have become the norm as libraries, publishers, and authors seem unable to put an end to this cycle. Universities, although aware of this phenomenon, have not been able to restructure the nature of scholarship, scientific publishing, and reward mechanisms in the academy to alleviate some of the effects of research publishing spiraling prices. In the meantime, we are seeing demographic forces, in the form of declining enrollments (since 1991), and economic forces, in the form of skyrocketing prices for scholarly serials and monographs that limit our choices. Since 1986 the annual average increase for the serial unit price has been 11.4% and for the monograph unit price 5.9%,[3] which is higher than the general inflation trends in North American during the same time period. The impact of these increasing prices was felt in most libraries after 1991, as one can see from the serial cancellations that occurred during the last four years.

[3] The *ARL Statistics* 1985-86, based on only the data for that one year, show a median unit price of $29.50 for monographs (p. 28) and the *ARL Statistics* 1994-95, based on data submitted only for that one year, show a median unit price of $44.70. However, the annually published figures on the table entitled "Analysis of Selected Variables of University Libraries" are not appropriate indicators for a time series analysis because they are based on data from ALL ARL libraries at any specific year. Some ARL libraries did not report these data from 1986-95.

Graph 3: Supply and Demand in ARL Libraries, 1986-1995



Source: *ARL Statistics* 1994-95, Association of Research Libraries, Washington DC

THE PROMISE OF ACCESS

Although libraries are buying fewer serials and monographs than they bought nine years ago, they are called upon to serve a slightly higher number of students and faculty. In 1986, the typical ARL library subscribed to 16,198 serials and bought 33,210 monographs for 16,684 students and 1,125 faculty. However, in 1995, it bought only 14,942 serials and 25,719 monographs for 18,089 students and 1,321 faculty.

Table 3
Supply and Demand in ARL Libraries, 1986-1995
Median Values for Time-Series Trends

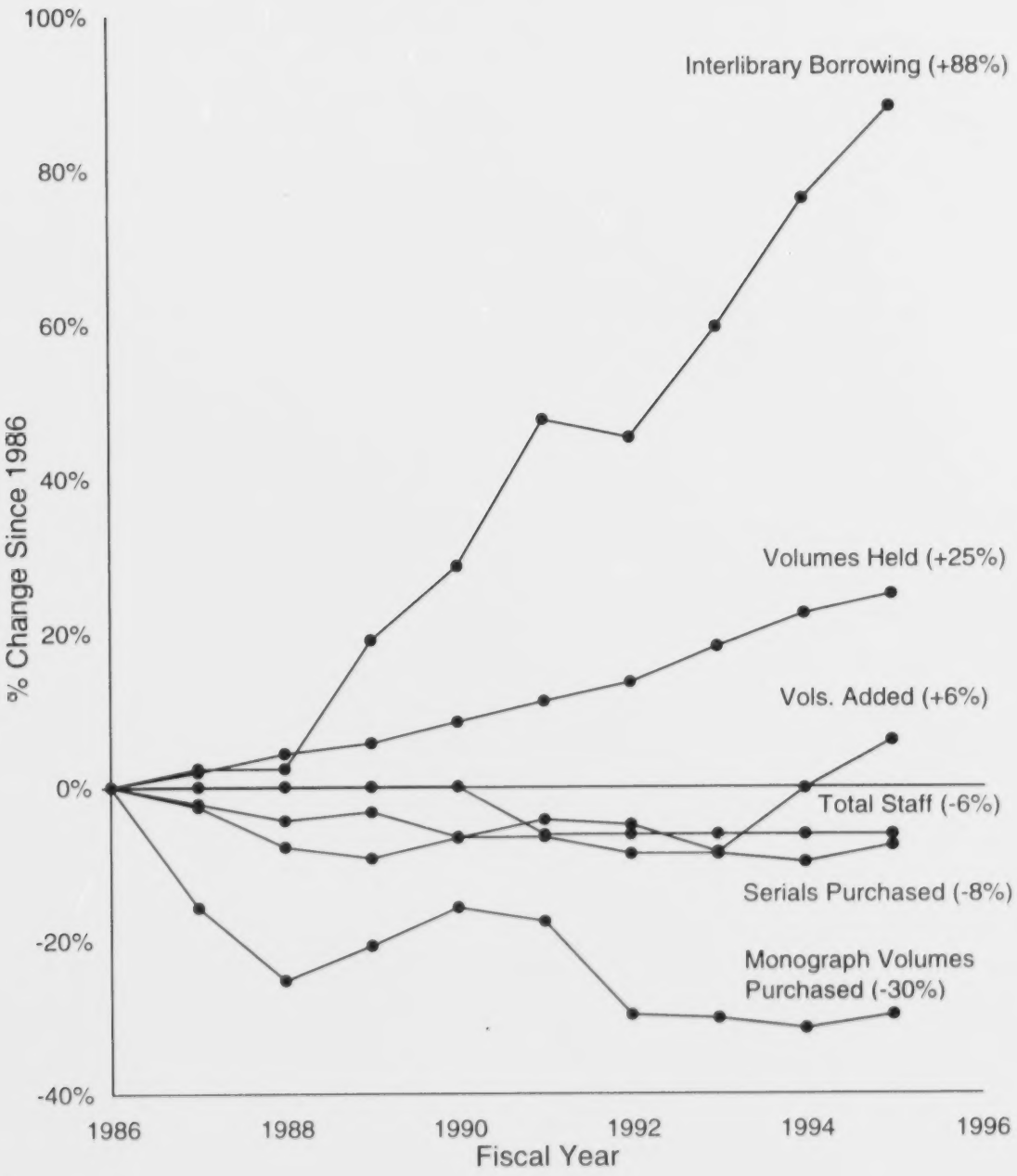
Year	Interlibrary Borrowing	Interlibrary Lending	Graduate Students	Teaching Faculty	Total Students	Serials Purchased	Monographs Purchased
(No. of Libraries)	(106)	(106)	(106)	(103)	(106)	(43)	(63)
1986	7,049	16,152	3,040	1,125	16,684	16,198	33,210
1987	7,362	16,608	3,177	1,234	17,029	16,518	27,214
1988	7,914	18,060	3,262	1,243	17,485	16,443	26,541
1989	8,548	19,317	3,375	1,293	17,866	16,015	27,268
1990	9,588	20,815	3,393	1,280	17,745	16,182	27,999
1991	10,342	22,056	3,397	1,303	18,290	16,149	28,027
1992	11,318	22,547	3,591	1,401	18,273	15,846	27,158
1993	12,486	22,840	3,694	1,303	18,450	15,463	25,583
1994	13,996	24,293	3,728	1,304	18,287	15,583	25,803
1995	14,403	25,201	3,765	1,321	18,089	14,942	25,719
Annual average percent change	9.3%	5.7%	2.7%	2.0%	1.0%	-1.0%	-3.1%

While serial subscriptions are canceled and monograph purchases are reduced, faculty and students are borrowing through interlibrary loan twice as many items in 1995 than in 1986. Libraries are also lending 56% more items today than they did nine years ago. Libraries have joined state-wide and regional consortia to meet some of these demands and to share some of the burdens of licensing information sources. They are placing more emphasis on access as the cost of access appears more affordable compared to the cost of ownership. State legislators have demonstrated a willingness to invest in state-wide library systems (e.g., OhioLINK, Illinet Online, TexShare, etc.) for more efficient use of library resources despite difficult local financial circumstances. Research libraries are pioneers in extending such cooperation beyond political boundaries, e.g., Consortium for Institutional Cooperation (CIC) crosses state boundaries, forming the beginnings of a distributed global scholarly library network.

Table 4 also shows per student borrowing activity through interlibrary loan increased 7% during the last year alone, compared to the 8.2% annual increase since 1986. By 1997 or 1998, libraries will be borrowing twice as many items on a per student basis as they did ten years ago.[4] Acquisition levels for both serials and monographs per student continue to slide. Libraries acquire 30% fewer monographs and 8% fewer serials per student now than they did in 1986. That is actually 840 serial titles and 1,560 monographs per 1,000 students in 1995 compared to 910 serial titles and 2,220 monographs purchased per 1,000 students in 1986.

[4] This overall trend should not be interpreted as a rigid doubling period, however, as it falsifies the varying experiences of individual libraries.

Graph 4: Resources per Student in ARL Libraries, 1986-1995



Source: *ARL Statistics* 1994-95, Association of Research Libraries, Washington DC

The median number of volumes added per student increased over 1986 levels for the first time in the last decade. In 1995, the median number of volumes added was 4.43 per student compared to the 4.18 volumes added per student in 1986. Libraries are doing all this with fewer staff per student in 1995 as compared to 1986. Staffing levels per student decreased in 1991, but since then they have remained constant. In 1995, there was a median number of 15 professional librarians per 1,000 students.

Table 4
Resources per Student in ARL libraries, 1986-1995
Median Values for Time-Series Trends

Year	Interlibrary Borrowing	Volumes Held	Volumes Added (Gross)	Total Staff	Serials Purchased	Monographs Purchased
(No. of Libraries)	(106)	(106)	(106)	(106)	(43)	(63)
1986	0.42	123.97	4.18	0.016	0.91	2.22
1987	0.43	126.34	4.07	0.016	0.89	1.87
1988	0.43	129.34	3.85	0.016	0.87	1.66
1989	0.50	131.04	3.79	0.016	0.88	1.76
1990	0.54	134.45	3.90	0.016	0.85	1.87
1991	0.62	137.79	4.00	0.015	0.85	1.83
1992	0.61	140.79	3.97	0.015	0.83	1.56
1993	0.67	146.44	3.82	0.015	0.83	1.55
1994	0.74	151.77	4.17	0.015	0.82	1.52
1995	0.79	154.82	4.43	0.015	0.84	1.56
Annual average percent change	8.2%	2.8%	0.7%	-0.8%	-1.0%	-4.3%

In sum, purchases of fewer serials and monographs, coupled with increases in expenditures for serials and monographs, are indicators of the declining purchasing power of academic libraries. Higher levels of service activities, i.e., interlibrary loan, circulation, reference transactions, and library instruction, serve as indicators of increased access to library resources. Research libraries are doing more as technological innovation is readily adopted and barriers to access are gradually reduced.

Library roles are being redefined as the academic community undergoes changes. The ARL Statistics and Measurement Committee continues to look for new ways to describe and measure the performance of research libraries and their contribution to teaching, research, learning, and community service. In a period of rapid change and fluctuation, the information gathered in this data compilation represents only the very basic and minimum investment an organization could make to collect and disseminate information about its resources and their use. This data compilation describes the resources available in ARL member libraries and to some extent their use, but it does not assess, for example, the importance of the library to a faculty member who has just completed research or published a paper. Such answers can only be found by library staff who systematically explore with users their real needs and design better service delivery systems.

Those using the *ARL Statistics* to compare individual libraries should consult the "Footnotes" and the symbols in the "ARL Library Data Tables." Although definitions used in the *Statistics* aim for consistency, differing reporting practices do exist among member libraries. To aid

comparability in the *ARL Statistics*, expenditures of Canadian libraries are expressed in U.S. dollars, at the rate of 1.3794 Canadian dollars to one U.S. dollar. This exchange rate is the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 1994 - June 1995. Expenditures reported in Canadian dollars are given in the "Footnotes" to the *ARL Statistics*.

The quantitative rank order tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

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February 9, 1995

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ARL LIBRARY DATA TABLES

ARL Library Data Tables 1994-95

Collections

INSTITUTION	Notes	Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Mono-graphs Purchased (Volumes)	Current Serials Purchased (Subs.)	Current Serials Not Purchased	Current Serials Total
(Survey Question #)		(1)	(2)	(3)	(4)	(5)	(6)	(7)
ALABAMA	LM+	2,024,410	39,200	25,209	20,704	9,927	6,040	15,967
ALBERTA	**BLM+**	**4,968,292**	**118,830**	**109,064**	**26,502**	**20,224**	**6,200**	**26,424**
ARIZONA	**LM+**	**4,225,022**	**108,671**	**98,797**	**54,651**	**21,405**	**3,541**	**24,946**
ARIZONA STATE	**BL+**	**3,101,920**	**85,708**	**82,054**	**60,679**	**21,546**	**13,545**	**35,091**
AUBURN	+	2,303,326	83,599	69,599	27,387	8,045	11,365	19,410
BOSTON	LM+	2,004,356	63,498	54,786	22,188	17,380	11,478	28,858
BRIGHAM YOUNG	+	2,371,281	56,109	45,258	45,497	9,434	7,588	17,022
BRITISH COLUMBIA	**LM+**	**3,647,548**	**147,388**	**114,465**	**54,805**	**15,216**	**5,013**	**20,229**
BROWN	**+**	**2,762,196**	**55,059**	**52,464**	**29,700**	**10,230**	**2,927**	**13,157**
CALIFORNIA, BERKELEY	**L+**	**8,242,196**	**155,586**	**137,195**	**U/A**	**U/A**	**U/A**	**87,368**
CALIFORNIA, DAVIS	bLM+	2,807,863	92,536	82,561	U/A	U/A	U/A	47,133
CALIFORNIA, IRVINE	M+	1,875,065	50,125	50,125	19,560	U/A	U/A	15,873
CALIFORNIA, LOS ANGELES	LM+	6,606,361	156,962	140,098	138,406	U/A	U/A	96,121
CALIFORNIA, RIVERSIDE	**+**	**1,753,705**	**39,161**	**36,079**	**25,719**	**7,420**	**6,173**	**13,593**
CALIFORNIA, SAN DIEGO	**M+**	**2,366,019**	**85,076**	**68,748**	**63,336**	**16,407**	**7,499**	**23,906**
CALIFORNIA, SANTA BARBARA	**+**	**2,247,826**	**87,968**	**83,670**	**26,261**	**10,976**	**5,529**	**16,505**
CASE WESTERN RESERVE	LM+	1,915,674	39,388	33,867	13,163	11,797	2,311	14,108
CHICAGO	bLM	5,854,014	153,202	144,011	70,728	U/A	U/A	45,589
CINCINNATI	LM+	2,035,167	57,598	50,375	22,414	U/A	U/A	21,518
COLORADO	**L+**	**2,624,243**	**49,635**	**48,953**	**40,657**	**18,161**	**11,245**	**29,406**
COLORADO STATE	**+**	**1,606,642**	**57,650**	**53,296**	**21,387**	**8,856**	**12,179**	**21,035**
COLUMBIA	**LM+**	**6,664,748**	**175,890**	**132,682**	**U/A**	**37,746**	**24,802**	**62,548**
CONNECTICUT	BGLM+	2,546,979	88,955	69,964	21,855	17,425	784	18,209
CORNELL	BL+	5,835,235	156,331	137,710	U/A	U/A	U/A	61,705
DARTMOUTH	M+	2,130,672	77,428	73,251	22,109	16,773	3,515	20,288
DELAWARE	**G+**	**2,213,548**	**47,439**	**45,351**	**33,332**	**12,850**	**1,612**	**14,462**
DUKE	**GLM+**	**4,415,525**	**140,626**	**130,861**	**55,237**	**U/A**	**U/A**	**33,405**
EMORY	**BLM+**	**2,183,942**	**48,326**	**37,114**	**U/A**	**16,863**	**7,725**	**24,588**
FLORIDA	LM+	3,174,460	90,670	71,232	44,493	18,800	8,509	27,309
FLORIDA STATE	BGL+	2,116,510	55,181	50,846	U/A	U/A	U/A	18,296
GEORGETOWN	GLM+	2,071,359	67,872	53,522	31,205	24,442	2,030	26,472
GEORGIA	**L+**	**3,303,268**	**91,359**	**87,551**	**46,118**	**U/A**	**U/A**	**48,190**
GEORGIA TECH	**+**	**1,865,727**	**54,442**	**54,025**	**13,959**	**6,130**	**6,583**	**12,713**
GUELPH	**b+**	**2,056,867**	**27,852**	**22,562**	**15,406**	**7,351**	**4,512**	**11,863**
HARVARD	LM+	13,143,330	277,176	248,156	,U/A	U/A	U/A	96,353
HAWAII	+	2,854,225	71,624	67,373	36,573	22,322	12,563	34,885
HOUSTON	GL+	1,846,757	46,745	42,755	29,392	14,364	814	15,178
HOWARD	**GLM+**	**2,235,764**	**27,874**	**26,776**	**14,688**	**10,688**	**1,318**	**12,006**
ILLINOIS, CHICAGO	**M+**	**1,873,252**	**51,596**	**45,029**	**27,206**	**15,085**	**793**	**15,878**
ILLINOIS, URBANA	**L+**	**8,665,814**	**198,096**	**191,077**	**122,100**	**U/A**	**U/A**	**90,969**

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count
U/A - Unavailable
N/A - Not Applicable

BEST COPY AVAILABLE

ARL Library Data Tables 1994-95

Collections

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto-graphic Materials	Graphic Materials	Audio Materials	Video and Film	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(Survey Question #)
								INSTITUTION
3,136,608	1,138,599	1,804	24,917	262,898	177,804	18,902	2,690	ALABAMA
3,625,992	430,405	5,430	9,815	1,360,000	U/A	U/A	U/A	ALBERTA
4,785,963	0	1,996	6,810	267,636	340,083	34,377	9,039	ARIZONA
6,355,681	714,850	1,676	15,101	184,906	577,068	47,446	21,224	ARIZONA STATE
2,910,999	393,421	479	7,510	135,340	328,670	14,172	5,278	AUBURN
3,444,435	U/A	548	36,777	1,700	21,300	42,619	251	BOSTON
2,133,986	342,042	2,195	15,232	215,479	18,361	49,795	2,039	BRIGHAM YOUNG
4,353,956	823,302	2,977	9,659	501,829	444,883	128,369	6,783	BRITISH COLUMBIA
1,508,020	0	919	5,488	131,730	847,398	49,124	2,891	BROWN
5,563,213	106,563	3,054	U/A	390,769	2,937,954	63,772	13,127	CALIFORNIA, BERKELEY
3,568,949	102,401	1,589	9,823	232,525	210,215	13,937	455	CALIFORNIA, DAVIS
2,143,814	311,265	2,699	1,745	8,901	71,672	12,518	2,282	CALIFORNIA, IRVINE
5,716,979	69,867	2,467	76,783	619,943	4,354,405	144,773	14,733	CALIFORNIA, LOS ANGELES
1,597,013	358,645	1,505	2,091	85,045	21,179	13,940	2,652	CALIFORNIA, RIVERSIDE
2,537,098	240,100	7,426	6,432	211,338	275,246	70,614	3,716	CALIFORNIA, SAN DIEGO
3,890,573	325,836	2,837	8,681	3,534,469	7,320	94,902	2,670	CALIFORNIA, SANTA BARBARA
2,181,405	31,207	1,499	942	63,883	72,165	27,238	4,960	CASE WESTERN RESERVE
2,178,083	U/A	311	20,606	379,651	0	18,294	417	CHICAGO
2,919,096	347,185	2,478	17,035	123,405	347,265	39,048	11,254	CINCINNATI
5,389,160	1,596,135	27,841	26,045	193,502	333,417	46,791	7,488	COLORADO
2,277,828	319,764	2,135	2,124	57,281	2,346	6,593	62	COLORADO STATE
4,994,833	170,925	U/A	208,652	128,776	571,876	U/A	U/A	COLUMBIA
3,669,956	U/A	971	15,900	164,466	4,701	27,696	6,835	CONNECTICUT
6,773,020	U/A	3,278	54,823	218,360	31,631	73,411	9,848	CORNELL
2,404,712	0	2,299	11,413	170,180	358,557	25,362	2,749	DARTMOUTH
2,745,416	414,397	939	2,613	128,624	583	1,336	6,475	DELAWARE
3,181,567	1,522,801	4,358	19,231	125,952	1,141	22,684	5,845	DUKE
3,076,611	77,775	1,738	9,241	25,470	2,671	15,097	7,401	EMORY
5,864,399	1,222,673	11,188	7,245	672,356	121,671	18,616	6,275	FLORIDA
4,402,643	867,905	1,623	2,455	166,621	421	36,085	3,700	FLORIDA STATE
2,747,571	443,844	3,381	14,386	1,140	81,341	50,402	8,211	GEORGETOWN
5,373,412	902,029	2,080	33,921	585,247	U/A	44,366	21,136	GEORGIA
3,721,197	0	2,658	7,842	177,550	98,897	1,866	1,967	GEORGIA TECH
1,419,324	0	155	6,401	72,607	U/A	9,802	6,299	GUELPH
7,558,615	U/A	U/A	U/A	U/A	U/A	U/A	U/A	HARVARD
5,565,078	0	1,100	3,184	237,473	1,761	13,427	13,644	HAWAII
3,644,416	644,667	368	1,270	362	191	346	1,137	HOUSTON
3,689,265	U/A	454	6,600	78	32,800	24,264	5,652	HOWARD
2,304,241	673,944	644	18,319	172,531	216,877	13,420	8,415	ILLINOIS, CHICAGO
4,387,714	U/A	2,152	22,868	617,659	85,587	133,559	7,451	ILLINOIS, URBANA

U/A - Unavailable N/A - Not Applicable

ARL Library Data Tables 1994-95

Collections

(Survey Question #)		Volumes in Library (1)	Volumes Added (Gross) (2)	Volumes Added (Net) (3)	Monographs Purchased (Volumes) (4)	Current Serials Purchased (Subs.) (5)	Current Serials Not Purchased (6)	Current Serials Total (7)
INSTITUTION	Notes							
INDIANA	L+	5,677,326	161,552	122,797	74,088	27,985	13,248	41,233
IOWA	LM+	3,655,496	95,274	88,269	40,322	19,291	17,956	37,247
IOWA STATE	+	2,043,344	55,299	32,155	25,831	14,540	6,661	21,201
JOHNS HOPKINS	M+	3,118,765	66,500	57,024	41,027	15,614	4,960	20,574
KANSAS	BLM+	3,379,453	85,969	82,600	41,797	18,570	13,934	32,504
KENT STATE	B+	2,224,660	66,475	49,595	12,136	7,830	4,380	12,210
KENTUCKY	LM+	2,590,061	49,442	33,254	17,223	14,098	12,746	26,844
LAVAL	LM+	2,134,465	79,537	77,174	24,085	12,595	3,714	16,309
LOUISIANA STATE	L+	2,831,957	59,046	53,475	11,048	11,853	6,148	18,001
MCGILL	bLM+	2,878,716	102,164	54,763	25,248	12,238	5,186	17,424
MCMASTER	M+	1,737,858	38,715	38,008	22,856	9,983	3,064	13,047
MANITOBA	GLM+	1,680,837	40,138	34,426	14,432	9,230	1,399	10,629
MARYLAND	+	2,464,623	99,937	93,240	32,800	14,942	10,984	25,926
MASSACHUSETTS	+	2,696,692	63,008	62,415	29,987	10,639	5,002	15,641
MIT	+	2,409,136	48,742	43,441	16,204	9,027	12,426	21,453
MIAMI	LM+	2,032,326	67,881	62,974	33,528	15,837	3,714	19,551
MICHIGAN	LM+	6,774,515	146,313	110,434	U/A	35,958	34,160	70,118
MICHIGAN STATE	+	3,972,396	121,000	68,301	33,981	13,420	14,497	27,917
MINNESOTA	bLM+	5,241,590	151,925	140,315	U/A	34,094	12,036	46,130
MISSOURI	LM+	2,730,756	57,681	47,190	25,695	U/A	U/A	23,598
NEBRASKA	L+	2,331,963	56,055	53,809	17,614	12,523	8,100	20,623
NEW MEXICO	bLM+	2,021,883	65,512	52,434	30,214	12,167	5,136	17,303
NEW YORK	LM+	3,385,458	97,463	88,692	61,468	28,164	1,062	29,226
NORTH CAROLINA	LM+	4,263,684	114,700	108,787	63,414	22,193	21,647	43,840
NORTH CAROLINA STATE	+	2,472,810	79,976	74,277	34,138	8,830	10,050	18,880
NORTHWESTERN	BLM+	3,775,526	76,226	66,362	U/A	U/A	U/A	38,903
NOTRE DAME	L+	2,458,987	65,288	62,336	29,345	U/A	U/A	23,131
OHIO STATE	bLM+	4,864,522	88,312	78,137	50,902	24,804	8,564	33,368
OKLAHOMA	LM+	2,531,059	52,585	46,965	17,539	16,657	436	17,093
OKLAHOMA STATE	BM+	1,831,764	74,708	73,427	21,588	12,253	6,424	18,677
OREGON	L+	2,143,556	62,832	60,872	32,070	12,282	4,977	17,259
PENNSYLVANIA	LM+	4,324,225	118,596	114,478	54,033	U/A	U/A	33,558
PENNSYLVANIA STATE	B+	3,632,652	120,619	97,818	U/A	21,884	10,391	32,275
PITTSBURGH	BLM+	3,627,100	105,212	90,808	U/A	U/A	U/A	25,214
PRINCETON	+	5,292,949	124,044	106,852	U/A	30,199	2,266	32,465
PURDUE	bG+	2,263,601	68,492	63,191	17,959	12,370	1,887	14,257
QUEEN'S	bGLM+	2,063,339	64,555	61,027	20,904	12,284	712	12,996
RICE	b+	1,864,335	53,232	32,781	34,211	8,893	2,722	11,615
ROCHESTER	M+	2,882,023	41,903	38,740	19,527	9,458	826	10,284
RUTGERS	BL+	3,480,920	96,912	61,153	28,020	U/A	U/A	30,217

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
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ARL Library Data Tables 1994-95

Collections

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto-graphic Materials	Graphic Materials	Audio Materials	Video and Film	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(Survey Question #)
								INSTITUTION
3,623,090	0	U/A	31,157	575,434	385,376	268,110	25,848	INDIANA
5,613,778	1,007,460	4,040	11,109	343,918	226,809	20,968	4,922	IOWA
2,786,780	0	992	11,049	127,127	636,080	13,964	35,111	IOWA STATE
3,386,609	0	3,182	11,764	207,321	54,360	22,672	2,841	JOHNS HOPKINS
2,898,833	657,007	1,654	15,119	310,142	2,699,421	25,783	11,410	KANSAS
1,138,048	147	1,191	8,569	240,519	34,089	21,997	18,921	KENT STATE
3,454,233	1,305,548	2,447	23,567	231,090	575,956	29,119	33,794	KENTUCKY
1,150,064	3,500	656	0	315,540	202,346	21,814	11,872	LAVAL
4,967,768	86,624	U/A	18,308	U/A	U/A	29,884	4,177	LOUISIANA STATE
1,347,565	831,845	966	3,058	229,030	237,127	26,861	28,987	MCGILL
1,373,979	152,813	696	10,521	134,009	5,313	31,217	1,922	MCMASTER
1,254,674	507,032	891	2,283	102,704	646,160	17,975	2,197	MANITOBA
5,023,525	733,560	1,281	23,393	211,127	71,742	126,420	19,292	MARYLAND
2,131,229	314,000	958	9,854	129,498	0	13,236	112	MASSACHUSETTS
2,105,096	0	3,283	9,623	112,631	411,482	19,499	2,345	MIT
3,027,921	478,529	1,818	8,516	61,631	53,013	36,833	1,841	MIAMI
5,281,831	0	4,676	29,722	299,754	1,617,379	30,718	18,977	MICHIGAN
4,993,512	0	3,603	28,480	209,307	1,817	39,289	77	MICHIGAN STATE
5,083,218	2,917,048	3,646	38,526	388,149	U/A	U/A	U/A	MINNESOTA
5,810,794	1,720,871	1,739	U/A	U/A	U/A	15,307	2,003	MISSOURI
3,968,085	536,339	541	4,531	144,874	7,403	22,808	833	NEBRASKA
6,057,516	283,421	3,071	16,236	203,565	1,470,283	36,712	4,597	NEW MEXICO
3,880,821	398,287	1,283	12,230	U/A	367,861	50,507	8,866	NEW YORK
3,898,477	1,863,986	2,908	19,943	293,728	511,226	110,091	31,349	NORTH CAROLINA
4,223,418	0	3,328	3,000	35,036	72,385	2,409	5,858	NORTH CAROLINA STATE
3,130,069	0	2,128	15,583	257,095	366,761	44,490	11,918	NORTHWESTERN
2,661,435	U/A	893	U/A	71,435	0	11,838	2,699	NOTRE DAME
4,005,131	130,131	1,025	14,838	169,691	1,761,971	43,832	2,853	OHIO STATE
3,465,300	1,406,375	520	9,861	143,649	188,624	2,045	3,577	OKLAHOMA
3,265,913	13,049	5,375	5,237	260,704	180,440	8,034	10,316	OKLAHOMA STATE
1,888,835	468,072	141	57,802	815,804	983,933	49,262	5,425	OREGON
2,911,876	U/A	286	9,140	119,051	519,615	44,492	665	PENNSYLVANIA
3,318,822	0	1,308	20,095	351,618	475,830	34,835	117,805	PENNSYLVANIA STATE
3,366,693	21,763	1,946	15,377	99,810	702,556	43,055	11,371	PITTSBURGH
3,612,712	506,826	U/A	36,022	390,751	61,578	59,110	U/A	PRINCETON
2,187,824	480,146	2,235	1,591	343,292	942	5,131	8,189	PURDUE
3,303,461	990,012	U/A	U/A	144,374	26,962	U/A	U/A	QUEEN'S
2,306,413	319,698	1,501	4,322	25,328	26,742	25,181	2,838	RICE
4,060,725	546,086	3,370	15,500	98,424	7,500	63,051	866	ROCHESTER
4,996,144	2,621,905	4,245	19,689	U/A	U/A	U/A	U/A	RUTGERS

U/A - Unavailable N/A - Not Applicable

ARL Library Data Tables 1994-95

Collections

INSTITUTION	Notes	Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Mono-graphs Purchased (Volumes)	Current Serials Purchased (Subs.)	Current Serials Not Purchased	Current Serials Total
(Survey Question #)		(1)	(2)	(3)	(4)	(5)	(6)	(7)
SASKATCHEWAN	LM+	1,648,536	47,900	28,434	14,002	8,533	5,022	13,555
SOUTH CAROLINA	LM+	2,714,060	79,387	74,889	37,328	U/A	U/A	17,940
SOUTHERN CALIFORNIA	bBLM+	3,303,938	78,595	71,321	59,486	U/A	U/A	27,229
SOUTHERN ILLINOIS	GL+	2,302,838	54,255	22,381	19,474	15,142	2,582	17,724
STANFORD	GLM	6,549,725	147,928	140,486	U/A	U/A	U/A	43,784
SUNY-ALBANY	B+	1,815,326	43,568	32,875	19,777	U/A	U/A	16,177
SUNY-BUFFALO	GLM+	2,937,786	84,027	73,518	27,066	17,276	4,542	21,818
SUNY-STONY BROOK	M+	1,929,968	49,483	38,889	22,164	8,206	2,875	11,081
SYRACUSE	bL+	2,826,295	63,495	46,255	17,751	14,659	1,650	16,309
TEMPLE	BLM+	2,262,519	47,179	39,367	24,737	11,216	4,221	15,437
TENNESSEE	L+	2,110,204	49,540	37,841	39,602	16,103	3,595	19,698
TEXAS	L+	7,176,889	169,511	157,381	45,521	27,416	24,421	51,837
TEXAS A&M	bBGM+	2,281,654	62,133	55,550	22,694	14,089	2,606	16,705
TORONTO	LM+	6,713,029	214,570	149,699	116,113	31,770	8,679	40,449
TULANE	GLM+	2,029,777	59,905	28,635	28,173	U/A	U/A	14,846
UTAH	LM+	2,476,737	69,425	67,332	U/A	13,289	2,463	15,752
VANDERBILT	LM+	2,335,725	66,665	59,015	U/A	16,276	1,174	17,450
VIRGINIA	LM+	4,165,805	113,874	97,415	65,884	23,628	22,364	45,992
VPI & SU	+	1,951,580	68,040	41,317	18,693	12,813	4,930	17,743
WASHINGTON	LM+	5,471,784	165,231	116,644	42,604	37,028	19,765	56,793
WASHINGTON STATE	+	1,797,820	41,780	40,564	20,048	U/A	U/A	24,905
WASHINGTON U.-ST. LOUIS	GLM+	3,095,313	94,392	49,935	25,678	18,852	136	18,988
WATERLOO	+	1,732,615	25,625	10,107	18,635	U/A	U/A	16,438
WAYNE STATE	bLM+	2,904,641	73,332	70,664	21,947	16,335	8,450	24,785
WESTERN ONTARIO	L+	2,181,329	56,778	39,626	31,962	12,279	5,267	17,546
WISCONSIN	LM+	5,652,885	126,063	114,590	68,450	33,997	10,813	44,810
YALE	GLM+	9,599,371	123,998	113,548	114,095	U/A	U/A	56,359
YORK	BL+	2,114,510	65,204	50,733	35,976	U/A	U/A	12,837
BOSTON PUBLIC LIBRARY	G+	6,581,736	274,660	51,738	148,796	U/A	U/A	18,533
CANADA INST. FOR SCITECH	B+	7,861,496	U/A	U/A	6,129	U/A	U/A	U/A
CENTER FOR RESEARCH LIBS.	bG+	3,094,458	24,571	24,571	5,035	U/A	U/A	15,016
LIBRARY OF CONGRESS	L+	23,357,670	345,424	316,336	123,529	16,413	133,587	150,000
LINDA HALL LIBRARY	+	706,218	10,388	4,957	6,231	9,674	3,874	13,548
NATL. AGRICULTURAL LIB.	b+	2,205,044	30,835	29,102	6,129	6,780	15,000	21,780
NATL. LIBRARY OF CANADA	G+	1,893,439	84,641	84,462	9,818	3,542	32,800	36,342
NATL. LIBRARY OF MEDICINE	M+	2,144,230	42,748	41,007	14,279	22,650	4,254	26,904
NEW YORK PUBLIC LIBRARY	G+	7,150,523	156,625	144,473	73,774	U/A	U/A	165,872
NEW YORK STATE LIBRARY	LM+	2,306,402	24,733	24,677	7,718	7,548	6,881	14,429
SMITHSONIAN INSTITUTION	BG+	1,185,386	19,356	16,370	8,128	3,680	3,215	6,895

\+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count
U/A - Unavailable
N/A - Not Applicable

ARL Library Data Tables 1994-95

Collections

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto-graphic Materials	Graphic Materials	Audio Materials	Video and Film	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(Survey Question #)
								INSTITUTION
2,787,714	420,049	1,085	237	67,536	59,936	10,750	1,389	SASKATCHEWAN
4,186,737	755,445	265	6,201	305,395	250,000	25,928	8,305	SOUTH CAROLINA
5,466,844	486,656	2,878	37,616	U/A	3,166,477	24,555	11,640	SOUTHERN CALIFORNIA
3,806,386	412,724	2,349	16,573	287,383	20,243	24,196	9,004	SOUTHERN ILLINOIS
4,494,781	35,696	5,917	U/A	231,007	617,210	245,760	19,044	STANFORD
2,762,545	0	4,089	5,310	46,804	36,564	4,500	1,923	SUNY-ALBANY
4,565,139	330,112	1,112	7,400	193,600	110,000	35,285	3,900	SUNY-BUFFALO
3,402,275	232,180	998	4,928	115,331	8,162	27,353	6,336	SUNY-STONY BROOK
3,514,142	287,741	1,422	47,772	182,702	373,680	346,219	8,732	SYRACUSE
2,462,732	197,135	1,184	30,389	113,232	10,001,650	20,934	978	TEMPLE
3,232,249	743,244	1,465	7,725	356,375	140,818	26,614	6,270	TENNESSEE
5,196,391	0	2,786	80,588	335,710	6,758,743	98,786	8,163	TEXAS
4,467,201	65,319	5,895	26,651	137,641	39,662	5,392	10,984	TEXAS A&M
3,401,021	U/A	817	U/A	263,690	314,640	165,089	8,267	TORONTO
2,405,379	969,552	974	35,743	5,434	160,698	79,273	2,169	TULANE
3,273,796	749,925	1,825	16,895	185,699	556,583	35,818	13,876	UTAH
2,580,196	215,968	2,051	6,706	102,843	13,672	21,983	3,797	VANDERBILT
4,386,052	793,542	3,208	17,833	142,363	439,149	47,330	16,855	VIRGINIA
3,886,007	308,741	2,676	4,336	128,417	64,120	8,006	7,173	VPI & SU
6,255,761	U/A	5,672	51,747	324,436	775,566	63,707	8,408	WASHINGTON
3,026,361	U/A	U/A	14,260	705	268,732	7,303	22,866	WASHINGTON STATE
2,705,557	4,072	1,570	7,715	106,583	2,821	32,193	4,704	WASHINGTON U.-ST. LOUIS
1,296,642	U/A	U/A	2,643	133,544	U/A	1,371	U/A	WATERLOO
3,374,190	329,849	1,250	66,000	52,679	1,100,000	34,312	14,604	WAYNE STATE
3,139,752	0	828	9,607	2,051	52,116	39,953	2,239	WESTERN ONTARIO
4,280,297	270,151	4,174	3,263	240,923	26,975	144,483	14,821	WISCONSIN
5,044,263	1,042,016	U/A	50,843	432,069	2,206,764	176,130	3,624	YALE
3,265,009	0	25	7,575	106,862	8,632	39,069	5,224	YORK
5,457,159	1,516,853	706	U/A	U/A	U/A	44,836	20,509	BOSTON PUBLIC LIBRARY
U/A	U/A	U/A	0	0	0	0	0	CANADA INST. FOR SCITECH
1,520,869	0	0	0	0	0	0	0	CENTER FOR RESEARCH LIBS.
10,842,392	0	23,827	50,000	4,346,337	13,949,241	2,223,066	715,763	LIBRARY OF CONGRESS
1,205,363	350,000	194	0	74,700	0	20	8	LINDA HALL LIBRARY
1,026,673	0	310	17,534	989	779	91	1,320	NATL. AGRICULTURAL LIB.
3,689,489	2,965,205	93	3,080	U/A	U/A	168,535	1,508	NATL. LIBRARY OF CANADA
394,084	0	776	U/A	U/A	56,601	U/A	38,722	NATL. LIBRARY OF MEDICINE
4,480,926	9,048	U/A	28,283	413,364	4,097,514	530,517	39,209	NEW YORK PUBLIC LIBRARY
6,025,213	U/A	1,351	25,000	202,000	54,000	U/A	U/A	NEW YORK STATE LIBRARY
U/A	U/A	70	U/A	U/A	U/A	U/A	U/A	SMITHSONIAN INSTITUTION

U/A - Unavailable N/A - Not Applicable

ARL Library Data Tables 1994-95

Summary Data: Collections

	Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Mono-graphs Purchased (Volumes)	Current Serials Purchased (Subs.)	Current Serials Not Purchased	Current Serials Total
(Survey Question #)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
UNIVERSITY LIBRARIES:							
Median	2,539,019	68,959	62,376	28,097	14,659	5,186	20,829
High	13,143,330	277,176	248,156	138,406	37,746	34,160	96,353
Low	1,606,642	25,625	10,107	11,048	6,130	136	10,284
Totals	356,411,095	9,206,134	7,822,318	3,310,531	1,329,485	595,163	2,992,304
Number of Libraries Responding	108	108	108	92	81	81	108
NONUNIVERSITY LIBRARIES:							
Median	2,306,402	36,792	35,055	8,128	7,548	6,881	20,157
Totals	58,486,602	1,013,981	737,693	409,566	70,287	199,611	469,319
Number of Libraries Responding	11	10	10	11	7	7	10
GRAND TOTALS: ALL ARL LIBRARIES	414,897,697	10,220,115	8,560,011	3,720,097	1,399,772	794,774	3,461,623

ARL Library Data Tables 1994-95

Summary Data: Collections

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto-graphic Materials	Graphic Materials	Audio Materials	Video and Film	
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(Survey Question #)
								UNIVERSITY LIBRARIES:
3,423,355	342,042	1,804	11,109	175,041	160,698	28,408	6,273	Median
7,558,615	2,917,048	27,841	208,652	3,534,469	10,001,650	346,219	117,805	High
1,138,048	0	25	0	78	0	346	62	Low
393,370,377	45,084,944	243,559	1,892,353	25,425,856	56,364,152	4,709,804	918,940	Totals
108	95	99	101	102	99	102	100	Number of Libraries Responding
								NONUNIVERSITY LIBRARIES:
4,480,926	4,524	310	11,312	74,700	27,390	22,464	1,508	Median
36,562,168	4,841,106	27,327	125,907	5,037,390	18,158,135	2,967,065	837,039	Totals
9	8	9	8	7	8	8	9	Number of Libraries Responding
429,932,545	49,926,050	270,886	2,018,260	30,463,246	74,522,287	7,676,869	1,755,979	**GRAND TOTALS: ALL ARL LIBRARIES**

ARL Library Data Tables 1994-95

Expenditures

(Survey Question #)		Monographs (16)	Current Serials (17)	Other Library Materials (18)	Misc. Materials (19)	Total Library Materials (20)	Contract Binding (21)
INSTITUTION	Notes						
ALABAMA	LM+	849,983	3,807,389	29,512	27,500	4,714,384	123,128
ALBERTA	BLM+	2,098,446	4,905,507	U/A	96,224	7,100,177	85,905
ARIZONA	LM+	2,271,056	3,331,821	869,174	301,227	6,773,278	262,389
ARIZONA STATE	BL+	2,524,034	3,526,618	418,642	232,821	6,702,115	198,206
AUBURN	+	1,200,679	2,128,030	53,611	15,400	3,397,720	108,554
BOSTON	LM+	807,916	2,841,590	132,558	40,560	3,822,624	161,466
BRIGHAM YOUNG	+	1,629,379	2,707,646	355,337	0	4,692,362	176,900
BRITISH COLUMBIA	LM+	2,603,206	3,801,396	U/A	0	6,404,603	162,939
BROWN	+	1,760,573	2,423,049	U/A	120,000	4,303,622	208,791
CALIFORNIA, BERKELEY	L+	4,820,509	5,570,902	U/A	U/A	10,391,411	750,059
CALIFORNIA, DAVIS	LM+	2,158,763	3,205,280	260,899	334,372	5,959,314	243,125
CALIFORNIA, IRVINE	M+	930,295	2,775,366	134,029	400,000	4,239,690	176,319
CALIFORNIA, LOS ANGELES	LM+	4,626,820	4,372,088	204,428	285,226	9,488,562	358,942
CALIFORNIA, RIVERSIDE	+	1,189,320	1,864,535	33,427	3,490	3,090,772	175,213
CALIFORNIA, SAN DIEGO	M+	2,125,391	3,068,910	175,036	63,097	5,432,434	298,327
CALIFORNIA, SANTA BARBARA	+	1,046,390	2,607,725	U/A	154,326	3,808,441	245,081
CASE WESTERN RESERVE	LM+	755,797	3,190,925	35,493	11,181	3,993,396	114,940
CHICAGO	LM+	3,130,534	3,953,516	55,126	0	7,139,176	376,015
CINCINNATI	LM+	1,352,611	3,517,474	151,174	150,733	5,171,992	130,345
COLORADO	L+	1,375,934	4,065,724	701,377	343,092	6,486,127	246,094
COLORADO STATE	+	1,040,583	2,435,688	38,123	323,656	3,838,050	145,000
COLUMBIA	LM+	3,642,035	5,279,788	U/A	0	8,921,823	639,664
CONNECTICUT	BLM+	760,150	3,369,797	537,666	77,026	4,744,639	263,857
CORNELL	BL+	3,160,831	4,741,247	878,009	180,192	8,960,279	250,909
DARTMOUTH	M+	1,204,213	2,499,261	304,173	0	4,007,647	148,355
DELAWARE	+	2,031,148	2,486,448	U/A	0	4,517,596	115,404
DUKE	LM+	2,785,624	4,339,966	342,035	17,777	7,485,402	235,028
EMORY	BLM+	2,600,277	3,397,958	184,544	395,734	6,578,513	169,925
FLORIDA	LM+	1,611,199	3,433,955	923,593	230,271	6,199,018	182,921
FLORIDA STATE	BL+	1,240,301	3,133,885	164,131	97,587	4,635,904	218,961
GEORGETOWN	LM+	1,557,584	3,504,679	549,931	76,063	5,688,257	195,119
GEORGIA	L+	1,978,176	3,566,919	631,446	110,651	6,287,192	278,715
GEORGIA TECH	+	836,240	2,239,764	172,248	0	3,248,252	75,260
GUELPH	+	781,780	1,597,381	U/A	12,537	2,391,697	71,385
HARVARD	LM+	6,812,121	6,385,130	1,745,154	37,007	14,979,412	987,126
HAWAII	+	1,169,329	2,027,218	325,121	0	3,521,668	239,592
HOUSTON	L+	1,332,179	2,445,041	545,253	206,592	4,529,065	81,103
HOWARD	LM+	510,994	2,422,586	920,955	630,461	4,484,996	115,137
ILLINOIS, CHICAGO	M+	1,179,997	3,062,726	217,478	0	4,460,201	159,532
ILLINOIS, URBANA	L+	2,816,353	4,423,556	83,665	251,875	7,575,449	210,975

+ - See Footnotes
L - Includes Law Library
B - Includes Branch Campuses
M- Includes Medical Library
U/A - Unavailable
N/A - Not Applicable

BEST COPY AVAILABLE

ARL Library Data Tables 1994-95

Expenditures

Salaries & Wages Professional Staff (22)	Salaries & Wages Support Staff (23)	Salaries & Wages Student Assistants (24)	Total Salaries & Wages (25)	Other Operating Expenditures (26)	Total Library Expenditures (27)	(Survey Question #) INSTITUTION
2,012,361	1,363,498	427,627	3,803,486	1,116,360	9,757,358	ALABAMA
3,192,996	5,147,778	477,685	8,818,459	1,757,255	17,761,796	ALBERTA
3,727,117	3,557,098	811,498	8,095,713	2,506,429	17,637,809	ARIZONA
3,734,940	3,793,301	706,231	8,234,472	2,353,257	17,488,050	ARIZONA STATE
2,065,676	1,476,037	343,325	3,885,038	1,093,759	8,485,071	AUBURN
2,251,824	3,057,838	339,138	5,648,800	1,599,718	11,232,608	BOSTON
3,763,296	1,005,421	1,476,939	6,245,656	1,829,679	12,944,597	BRIGHAM YOUNG
4,301,338	5,455,420	1,015,923	10,772,682	1,854,568	19,194,791	BRITISH COLUMBIA
3,113,817	2,453,374	352,837	5,920,028	2,597,513	13,029,954	BROWN
U/A	U/A	U/A	18,856,258	4,174,257	34,171,985	CALIFORNIA, BERKELEY
2,671,617	3,845,212	1,029,633	7,546,462	2,344,016	16,092,917	CALIFORNIA, DAVIS
3,042,101	2,744,493	1,427,608	7,214,202	2,157,743	13,787,954	CALIFORNIA, IRVINE
5,796,146	9,553,864	2,350,108	17,700,118	7,417,584	35,163,206	CALIFORNIA, LOS ANGELES
1,640,254	1,881,288	564,455	4,085,997	661,617	8,013,599	CALIFORNIA, RIVERSIDE
3,107,752	4,566,638	1,061,403	8,735,793	2,254,462	16,721,016	CALIFORNIA, SAN DIEGO
2,124,298	3,053,537	806,006	5,983,841	2,058,717	12,096,080	CALIFORNIA, SANTA BARBARA
2,324,767	1,491,529	432,065	4,248,361	913,975	9,270,672	CASE WESTERN RESERVE
3,047,187	4,737,000	989,888	8,774,075	2,734,213	19,023,479	CHICAGO
2,386,562	3,198,946	634,938	6,220,446	1,602,822	13,125,605	CINCINNATI
2,211,132	3,348,694	781,139	6,340,965	3,043,067	16,116,253	COLORADO
1,471,487	1,831,441	544,921	3,847,849	642,350	8,473,249	COLORADO STATE
7,406,985	6,284,478	1,390,684	15,082,147	3,613,446	28,257,080	COLUMBIA
3,364,373	3,786,755	860,981	8,012,109	2,094,475	15,115,080	CONNECTICUT
6,998,664	5,314,764	1,154,337	13,467,765	3,905,671	26,584,624	CORNELL
2,206,183	2,321,827	335,286	4,863,296	1,815,387	10,834,685	DARTMOUTH
2,188,986	2,309,331	450,644	4,948,961	1,005,602	10,587,563	DELAWARE
4,762,956	3,930,541	452,380	9,145,877	3,584,310	20,450,617	DUKE
3,168,352	2,940,415	564,456	6,673,223	3,776,401	17,198,062	EMORY
4,209,340	3,204,393	715,235	8,128,968	1,685,715	16,196,622	FLORIDA
1,763,132	1,700,460	411,850	3,875,442	629,858	9,360,165	FLORIDA STATE
U/A	U/A	U/A	7,590,059	2,294,042	15,767,477	GEORGETOWN
2,988,461	3,226,546	720,391	6,935,398	1,547,681	15,048,986	GEORGIA
1,745,496	1,073,253	72,741	2,891,490	799,304	7,014,306	GEORGIA TECH
1,105,885	2,496,222	86,212	3,688,319	580,475	6,731,876	GUELPH
18,582,396	14,504,369	1,148,810	34,235,575	18,215,359	68,417,472	HARVARD
3,514,250	2,395,598	926,499	6,836,347	1,258,786	11,856,393	HAWAII
1,889,206	1,324,000	856,541	4,069,747	2,793,288	11,473,203	HOUSTON
2,200,764	2,083,179	162,956	4,446,899	512,380	9,559,412	HOWARD
3,028,264	3,290,927	437,795	6,756,986	2,011,578	13,388,297	ILLINOIS, CHICAGO
5,736,396	4,828,733	1,104,938	11,670,067	2,900,875	22,357,366	ILLINOIS, URBANA

U/A - Unavailable N/A - Not Applicable

EXPENDITURES

INSTITUTION	Notes	Monographs (16)	Current Serials (17)	Other Library Materials (18)	Misc. Materials (19)	Total Library Materials (20)	Contract Binding (21)
INDIANA	L+	2,789,650	3,883,535	1,414,559	444,896	8,532,640	282,661
IOWA	LM+	1,947,605	3,128,181	851,786	230,571	6,158,143	175,563
IOWA STATE	+	1,367,578	2,794,658	222,950	305,217	4,690,403	170,399
JOHNS HOPKINS	M+	2,210,214	3,305,142	1,632,911	102,925	7,251,192	143,596
KANSAS	BLM+	1,907,306	3,050,436	177,511	0	5,135,253	173,918
KENT STATE	B+	740,376	1,643,670	58,862	21,579	2,464,487	85,418
KENTUCKY	LM+	758,871	3,279,406	142,494	483,236	4,664,007	112,252
LAVAL	LM+	824,828	3,059,818	51,540	35,768	3,971,954	81,240
LOUISIANA STATE	L+	617,998	2,462,368	6,314	8,109	3,094,789	19,076
MCGILL	LM+	1,179,924	2,494,016	278,404	200,294	4,152,638	179,848
MCMASTER	M+	994,185	2,406,922	15,919	9,851	3,426,876	93,206
MANITOBA	LM+	683,180	1,849,343	U/A	50,661	2,583,184	120,713
MARYLAND	+	1,570,230	2,586,524	122,434	37,062	4,316,250	188,232
MASSACHUSETTS	+	1,102,541	2,344,313	239,526	U/A	3,686,380	134,867
MIT	+	810,847	2,506,913	U/A	594,833	3,912,593	193,061
MIAMI	LM+	974,562	3,641,490	310,168	81,285	5,007,505	154,996
MICHIGAN	LM+	4,027,084	6,643,092	137,023	618,342	11,425,541	326,268
MICHIGAN STATE	+	1,824,967	3,162,737	U/A	80,518	5,068,222	264,848
MINNESOTA	LM+	2,400,963	5,327,055	677,153	50,569	8,455,740	474,857
MISSOURI	LM+	1,210,802	3,260,701	U/A	40,567	4,512,070	97,975
NEBRASKA	L+	836,958	2,877,078	194,649	37,061	3,945,746	138,540
NEW MEXICO	LM+	1,122,473	2,722,655	309,338	82,817	4,237,283	159,416
NEW YORK	LM+	2,628,655	4,004,430	424,767	171,768	7,229,620	428,884
NORTH CAROLINA	LM+	2,512,574	3,981,696	1,042,059	54,980	7,591,319	280,531
NORTH CAROLINA STATE	+	1,343,398	2,848,005	312,906	168,910	4,673,219	118,425
NORTHWESTERN	BLM+	1,749,385	3,528,263	276,964	330,171	5,884,783	168,993
NOTRE DAME	L+	1,684,199	2,352,689	341,365	176,633	4,554,886	116,933
OHIO STATE	LM+	2,289,620	4,810,664	156,718	77,694	7,334,696	267,063
OKLAHOMA	LM+	772,111	2,910,177	104,786	146,662	3,933,736	104,906
OKLAHOMA STATE	BM+	861,151	2,210,141	706,153	0	3,777,445	84,897
OREGON	L+	1,424,639	2,595,039	U/A	526,972	4,546,650	141,355
PENNSYLVANIA	LM+	2,580,008	3,843,116	854,863	0	7,277,987	295,542
PENNSYLVANIA STATE	B+	2,344,870	4,793,448	664,882	0	7,803,200	454,799
PITTSBURGH	BLM+	2,297,156	4,295,432	356,027	293,151	7,241,766	327,300
PRINCETON	+	4,076,055	3,101,297	1,270,187	281,414	8,728,953	503,151
PURDUE	+	813,049	3,461,103	U/A	0	4,274,152	118,807
QUEEN'S	LM+	1,030,985	2,529,784	19,161	0	3,579,930	136,967
RICE	+	1,605,393	2,376,755	287,085	293,293	4,562,526	45,193
ROCHESTER	M+	913,716	2,838,264	70,495	179,790	4,002,265	113,205
RUTGERS	BL+	1,397,097	4,574,152	309,826	619,304	6,900,379	233,306

+ - See Footnotes
B - Includes Branch Campuses
U/A - Unavailable
L - Includes Law Library
M- Includes Medical Library
N/A - Not Applicable

EXPENDITURES

Salaries & Wages Professional Staff (22)	Salaries & Wages Support Staff (23)	Salaries & Wages Student Assistants (24)	Total Salaries & Wages (25)	Other Operating Expenditures (26)	Total Library Expenditures (27)	(Survey Question #) INSTITUTION
5,481,159	3,719,445	1,644,693	10,845,297	2,507,100	22,167,698	INDIANA
4,161,365	**2,773,162**	**851,586**	**7,786,113**	**2,069,460**	**16,189,279**	**IOWA**
2,023,798	**2,813,763**	**575,223**	**5,412,784**	**2,615,245**	**12,888,831**	**IOWA STATE**
3,418,619	**3,926,494**	**513,467**	**7,858,580**	**3,574,688**	**18,828,056**	**JOHNS HOPKINS**
3,083,576	2,592,996	819,553	6,496,125	1,852,605	13,657,901	KANSAS
2,128,075	2,233,024	659,101	5,020,200	1,127,505	8,697,610	KENT STATE
3,458,960	2,017,500	1,206,013	6,682,473	2,516,466	13,975,198	KENTUCKY
2,898,522	**4,053,069**	**165,380**	**7,116,971**	**664,877**	**11,835,042**	**LAVAL**
1,959,315	**1,969,069**	**576,286**	**4,504,670**	**1,260,668**	**8,879,203**	**LOUISIANA STATE**
3,388,554	**4,120,768**	**391,485**	**7,900,808**	**1,066,457**	**13,299,751**	**MCGILL**
1,627,645	2,828,358	220,833	4,676,836	514,450	8,711,368	MCMASTER
2,133,358	2,870,718	512,956	5,517,033	860,651	9,081,580	MANITOBA
3,185,777	2,720,591	1,225,502	7,131,870	2,873,723	14,510,075	MARYLAND
2,689,005	**2,505,303**	**566,321**	**5,760,629**	**1,082,290**	**10,664,166**	**MASSACHUSETTS**
3,080,186	**2,889,144**	**315,245**	**6,284,575**	**1,773,475**	**12,163,704**	**MIT**
2,999,956	**2,570,357**	**510,722**	**6,081,035**	**1,992,837**	**13,236,373**	**MIAMI**
9,007,746	3,384,737	1,732,664	14,125,147	4,082,822	29,959,778	MICHIGAN
2,471,962	3,052,265	1,205,618	6,729,845	1,009,808	13,072,723	MICHIGAN STATE
4,581,429	5,420,749	2,137,399	12,139,577	3,676,546	24,746,720	MINNESOTA
2,467,049	**2,115,559**	**422,539**	**5,005,147**	**1,526,931**	**11,142,123**	**MISSOURI**
2,000,830	**2,067,486**	**523,209**	**4,591,525**	**985,861**	**9,661,672**	**NEBRASKA**
2,921,595	**3,782,416**	**1,183,333**	**7,887,344**	**3,200,434**	**15,484,477**	**NEW MEXICO**
5,792,578	4,946,328	1,710,161	12,449,067	4,772,389	24,879,960	NEW YORK
4,927,583	4,464,300	763,044	10,154,927	2,393,751	20,420,328	NORTH CAROLINA
2,311,549	2,428,096	571,461	5,311,106	1,748,032	11,850,782	NORTH CAROLINA STATE
4,242,737	**3,016,417**	**927,447**	**8,186,601**	**2,668,567**	**16,908,944**	**NORTHWESTERN**
2,168,171	**2,667,087**	**360,969**	**5,196,227**	**1,899,515**	**11,767,561**	**NOTRE DAME**
4,478,068	**3,908,868**	**1,192,095**	**9,579,031**	**3,188,223**	**20,369,013**	**OHIO STATE**
1,885,387	1,175,375	543,320	3,604,082	1,426,198	9,068,922	OKLAHOMA
1,751,818	907,839	413,467	3,073,124	1,787,197	8,722,663	OKLAHOMA STATE
1,965,897	2,054,527	761,835	4,782,259	1,433,493	10,903,757	OREGON
4,576,813	**4,931,988**	**851,833**	**10,360,634**	**3,756,981**	**21,691,144**	**PENNSYLVANIA**
3,847,723	**8,157,638**	**718,429**	**12,723,790**	**2,925,510**	**23,907,299**	**PENNSYLVANIA STATE**
3,813,206	**3,899,886**	**845,545**	**8,558,637**	**2,689,644**	**18,817,347**	**PITTSBURGH**
5,866,151	5,631,623	582,957	12,080,731	2,900,151	24,212,986	PRINCETON
2,459,772	2,283,651	557,140	5,300,563	1,316,112	11,009,634	PURDUE
1,500,879	3,147,506	211,771	4,860,156	476,757	9,053,810	QUEEN'S
1,617,718	**1,311,732**	**169,962**	**3,099,412**	**1,413,744**	**9,120,875**	**RICE**
2,645,895	**1,670,329**	**366,561**	**4,682,785**	**1,112,885**	**9,911,140**	**ROCHESTER**
6,635,732	**7,229,493**	**1,227,507**	**15,092,732**	**1,501,622**	**23,728,039**	**RUTGERS**

U/A - Unavailable N/A - Not Applicable

ARL Library Data Tables 1994-95

Expenditures

INSTITUTION	Notes	Monographs (16)	Current Serials (17)	Other Library Materials (18)	Misc. Materials (19)	Total Library Materials (20)	Contract Binding (21)
SASKATCHEWAN	LM+	695,299	2,683,138	U/A	16,291	3,394,727	69,764
SOUTH CAROLINA	LM+	1,298,460	2,189,366	423,122	43,030	3,953,978	170,322
SOUTHERN CALIFORNIA	BLM+	2,245,862	3,991,055	302,536	0	6,539,453	219,195
SOUTHERN ILLINOIS	L+	788,497	2,753,284	200,408	233,985	3,976,174	171,705
STANFORD	LM+	6,857,985	5,925,033	U/A	U/A	12,783,018	521,284
SUNY-ALBANY	B+	792,524	1,941,611	210,462	418,665	3,363,262	78,617
SUNY-BUFFALO	LM+	1,265,703	2,838,283	479,127	211,898	4,795,011	158,485
SUNY-STONY BROOK	M+	1,031,795	2,235,389	216,416	342,775	3,826,375	117,633
SYRACUSE	L+	695,490	2,419,116	368,623	52,728	3,535,957	89,779
TEMPLE	BLM+	1,156,318	2,741,647	59,955	5,826	3,963,746	146,558
TENNESSEE	L+	1,364,516	3,452,756	U/A	93,438	4,910,710	129,968
TEXAS	L+	2,163,527	3,848,552	741,124	9,851	6,763,054	212,301
TEXAS A&M	BM+	1,257,768	3,166,949	388,329	359,745	5,172,791	116,834
TORONTO	LM+	4,474,315	5,242,466	U/A	U/A	9,716,781	263,381
TULANE	LM+	1,231,673	2,329,345	233,103	320,489	4,114,610	125,331
UTAH	LM+	2,057,830	3,345,540	53,033	59,069	5,515,472	270,086
VANDERBILT	LM+	1,365,575	3,267,397	300,007	0	4,932,979	165,600
VIRGINIA	LM+	2,472,529	4,003,207	1,148,873	40,000	7,664,609	227,115
VPI & SU	+	991,350	3,087,567	652,542	420,916	5,152,375	162,711
WASHINGTON	LM+	2,886,352	6,377,887	U/A	U/A	9,264,239	332,810
WASHINGTON STATE	+	696,997	2,489,084	35,718	28,487	3,250,286	95,015
WASHINGTON U.-ST. LOUIS	LM+	1,122,620	3,746,912	167,688	520,346	5,557,566	107,716
WATERLOO	+	1,031,235	1,996,332	U/A	181,236	3,208,803	86,160
WAYNE STATE	LM+	1,426,157	2,888,156	U/A	400,890	4,715,203	129,499
WESTERN ONTARIO	L+	1,204,775	3,018,526	U/A	U/A	4,223,301	129,105
WISCONSIN	LM+	2,547,877	4,647,713	926,967	0	8,122,557	250,807
YALE	LM+	3,511,000	4,605,000	3,795,000	U/A	11,911,000	432,000
YORK	BL+	1,202,130	2,052,523	290,475	186,265	3,731,393	149,613
BOSTON PUBLIC LIBRARY	+	5,286,045	818,217	298,755	0	6,403,017	64,097
CANADA INST. FOR SCITECH.	B+	808,199	5,234,968	97,035	0	6,140,202	0
CENTER FOR RESEARCH LIBS.	+	49,186	267,032	653,078	51,294	1,020,590	0
LIBRARY OF CONGRESS	L+	2,926,479	2,906,060	1,816,783	203,484	7,852,806	1,778,520
LINDA HALL LIBRARY	+	208,982	1,651,191	27,300	0	1,887,473	63,178
NATL. AGRICULTURAL LIB.	+	318,744	1,827,320	U/A	0	2,146,064	108,996
NATL. LIBRARY OF CANADA	+	331,064	719,774	486,041	40,271	1,777,149	13,669
NATL. LIBRARY OF MEDICINE	M+	903,448	3,692,212	237,921	U/A	4,833,581	180,000
NEW YORK PUBLIC LIBRARY	+	4,709,236	3,576,353	1,179,412	432,671	9,897,672	487,756
NEW YORK STATE LIBRARY	LM+	470,436	1,899,690	U/A	0	2,370,126	41,445
SMITHSONIAN INSTITUTION	B+	438,457	812,744	64,465	188,182	1,503,848	63,478

+ - See Footnotes
L - Includes Law Library
B - Includes Branch Campuses
M- Includes Medical Library
U/A - Unavailable
N/A - Not Applicable

ARL Library Data Tables 1994-95

Expenditures

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	
(22)	(23)	(24)	(25)	(26)	(27)	(Survey Question #)
						INSTITUTION
1,321,954	2,257,790	146,164	3,725,908	455,612	7,646,012	SASKATCHEWAN
2,653,259	2,238,175	459,044	5,350,478	3,026,084	12,500,862	SOUTH CAROLINA
5,279,821	3,394,079	1,156,176	9,830,076	3,134,991	19,723,715	SOUTHERN CALIFORNIA
2,000,544	1,788,401	884,433	4,673,378	1,123,187	9,944,444	SOUTHERN ILLINOIS
8,625,343	9,035,189	1,694,918	19,355,450	6,956,777	39,616,529	STANFORD
1,798,801	1,711,592	517,413	4,027,806	821,286	8,290,971	SUNY-ALBANY
4,111,448	2,160,472	602,854	6,874,774	1,469,650	13,297,920	SUNY-BUFFALO
2,498,056	2,527,119	509,956	5,535,131	732,130	10,211,269	SUNY-STONY BROOK
2,437,946	2,126,017	258,013	4,821,976	2,341,863	10,789,575	SYRACUSE
3,051,597	2,260,291	464,291	5,776,179	1,120,205	11,006,688	TEMPLE
2,763,880	2,515,661	598,849	5,878,390	1,844,016	12,763,084	TENNESSEE
5,286,348	6,390,619	944,109	12,621,076	2,761,893	22,358,324	TEXAS
3,019,072	2,398,516	786,132	6,203,720	3,509,750	15,003,095	TEXAS A&M
6,849,495	9,633,949	1,523,070	18,006,514	1,342,257	29,328,934	TORONTO
1,925,338	1,684,686	380,331	3,990,355	1,218,243	9,448,539	TULANE
2,438,831	2,785,913	815,235	6,039,979	2,019,696	13,845,233	UTAH
3,131,824	2,530,166	400,166	6,062,156	2,011,158	13,171,893	VANDERBILT
3,782,334	3,978,504	862,759	8,623,597	2,539,692	19,055,013	VIRGINIA
1,637,585	2,110,018	497,579	4,265,182	1,131,892	10,712,160	VPI & SU
5,094,907	5,849,565	1,585,181	12,529,653	3,638,518	25,765,220	WASHINGTON
1,479,078	2,531,251	463,297	4,473,626	1,314,175	9,133,102	WASHINGTON STATE
3,374,444	3,296,910	477,409	7,148,763	2,419,438	15,233,483	WASHINGTON U.-ST. LOUIS
1,734,291	2,423,537	358,947	4,516,775	621,006	8,432,742	WATERLOO
2,986,525	2,445,783	926,143	6,358,451	1,888,639	13,091,792	WAYNE STATE
U/A	U/A	U/A	5,904,349	726,448	10,983,203	WESTERN ONTARIO
6,460,860	5,842,611	1,808,445	14,111,916	4,234,862	26,720,142	WISCONSIN
8,541,000	7,368,100	965,800	16,874,900	7,505,100	36,723,000	YALE
2,357,241	3,209,892	617,260	6,184,393	1,139,522	11,204,921	YORK
U/A	U/A	U/A	18,017,406	5,631,378	30,115,898	BOSTON PUBLIC LIBRARY
4,592,349	2,858,591	0	7,450,940	16,052,032	29,643,175	CANADA INST. FOR SCITECH
U/A	U/A	U/A	1,635,817	808,653	3,465,040	CENTER FOR RESEARCH LIBS.
U/A	U/A	U/A	197,332,062	133,686,160	340,649,548	LIBRARY OF CONGRESS
944,399	514,023	0	1,458,422	892,800	4,301,873	LINDA HALL LIBRARY
5,435,044	3,842,013	93,708	9,370,765	6,697,169	18,322,994	NATL. AGRICULTURAL LIB
8,208,465	6,874,140	223,127	15,305,732	8,087,831	25,184,382	NATL. LIBRARY OF CANADA
8,646,800	2,478,000	294,200	11,419,000	10,183,000	26,615,581	NATL. LIBRARY OF MEDICINE
U/A	U/A	1,281,762	22,251,785	7,403,941	40,041,154	NEW YORK PUBLIC LIBRARY
U/A	U/A	U/A	6,720,860	1,290,813	10,423,244	NEW YORK STATE LIBRARY
2,579,122	1,783,679	58,322	4,421,123	692,522	6,680,971	SMITHSONIAN INSTITUTION

U/A - Unavailable N/A - Not Applicable

ARL Library Data Tables 1994-95

Summary Data: Expenditures

	Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
(Survey Question #)	(16)	(17)	(18)	(19)	(20)	(21)
UNIVERSITY LIBRARIES:						
Median	$1,365,046	$3,114,739	$288,780	$82,817	$13,204,133	$169,459
High	6,857,985	6,643,092	3,795,000	630,461	14,979,412	987,126
Low	510,994	1,597,381	6,314	0	2,391,697	$19,076
Totals	192,372,111	357,226,826	37,208,640	16,009,521	602,817,098	22,427,306
Number of Libraries Responding	108	108	86	101	108	108
NONUNIVERSITY LIBRARIES:						
Median	$531,064	$1,827,320	$298,755	$20,136	$25,184,382	$63,478
Totals	16,650,276	23,405,561	4,860,790	915,902	45,832,529	2,801,139
Number of Libraries Responding	11	11	9	10	11	11
GRAND TOTALS: ALL ARL LIBRARIES	$209,022,387	$380,632,387	$42,069,430	$16,925,423	$648,649,627	$25,228,445

ARL Library Data Tables 1994-95

Summary Data: Expenditures

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	
(22)	(23)	(24)	(25)	(26)	(27)	(Survey Question #)
						UNIVERSITY LIBRARIES:
$2,999,956	$2,828,358	$617,260	$6,349,708	$1,871,603	$13,204,133	Median
18,582,396	14,504,369	2,350,108	34,235,575	18,215,359	68,417,472	High
1,105,885	907,839	72,741	2,891,490	455,612	6,731,876	Low
365,164,737	361,332,661	79,864,710	838,712,775	247,031,755	1,710,988,932	Totals
105	105	105	108	108	108	Number of Libraries Responding
						NONUNIVERSITY LIBRARIES:
$5,013,696	$2,668,296	$93,708	$9,370,765	$6,697,169	$25,184,382	Median
30,406,178	18,350,447	1,951,119	295,383,912	191,426,279	535,443,859	Totals
6	6	7	11	11	11	Number of Libraries Responding
$395,570,916	$379,683,108	$81,815,830	$1,134,096,687	$438,458,034	$2,246,432,791	**GRAND TOTALS: ALL ARL LIBRARIES**

ARL Library Data Tables 1994-95

Personnel and Public Services

(Survey Question #)		Professional Staff (FTE) (28)	Support Staff (FTE) (29)	Student Assistants (FTE) (30)	Total Staff (FTE) (31)	Library Presentations to Groups * (32)	Participants in Group Presentations * (33)
INSTITUTION	Notes						
ALABAMA	LM+	60	81	52	193	357	5,500
ALBERTA	BLM+	76	229	35	340	U/A	U/A
ARIZONA	LM+	83	175	88	346	1,139	19,555
ARIZONA STATE	BL+	100	205	62	367	866	20,258
AUBURN	+	51	99	43	193	608	12,133
BOSTON	LM+	63	132	56	251	281	*3,000*
BRIGHAM YOUNG	+	103	53	142	298	1,964	29,579
BRITISH COLUMBIA	LM+	104	252	54	410	1,283	11,779
BROWN	+	82	97	73	252	135	U/A
CALIFORNIA, BERKELEY	L+	178	264	222	664	2,329	19,948
CALIFORNIA, DAVIS	LM+	52	181	61	294	504	6,469
CALIFORNIA, IRVINE	M+	56	93	100	249	568	11,574
CALIFORNIA, LOS ANGELES	LM+	126	295	181	602	2,176	19,956
CALIFORNIA, RIVERSIDE	+	36	80	52	168	370	4,877
CALIFORNIA, SAN DIEGO	M+	69	177	74	320	2,059	7,772
CALIFORNIA, SANTA BARBARA	+	50	135	45	230	U/A	U/A
CASE WESTERN RESERVE	LM+	61	81	41	183	282	2,652
CHICAGO	LM+	74	193	78	345	172	3,128
CINCINNATI	LM+	74	118	88	280	1,362	14,621
COLORADO	L+	63	124	68	255	933	14,266
COLORADO STATE	+	38	75	50	163	326	5,119
COLUMBIA	LM+	177	274	121	572	901	7,085
CONNECTICUT	BLM+	66	112	78	256	760	7,743
CORNELL	BL+	130	302	155	587	1,207	16,122
DARTMOUTH	M+	51	105	28	184	U/A	U/A
DELAWARE	+	52	113	54	219	287	7,961
DUKE	LM+	107	172	58	337	851	7,671
EMORY	BLM+	82	148	44	274	444	3,751
FLORIDA	LM+	109	204	83	396	690	11,566
FLORIDA STATE	BL+	56	124	50	230	535	5,978
GEORGETOWN	LM+	92	123	61	276	818	9,849
GEORGIA	L+	82	183	82	347	331	6,919
GEORGIA TECH	+	52	62	6	120	243	3,988
GUELPH	+	25	114	9	148	169	2,536
HARVARD	LM+	402	589	125	1,116	U/A	U/A
HAWAII	+	60	102	70	232	377	5,630
HOUSTON	L+	46	98	72	216	280	6,971
HOWARD	LM+	53	97	16	166	112	2,183
ILLINOIS, CHICAGO	M+	81	161	41	283	738	9,924
ILLINOIS, URBANA	L+	155	243	122	520	1,155	27,983

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
U/A - Unavailable
N/A - Not Applicable
* - Figures in italics are derived from a sampling method rather than an actual annual count.

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38

ARL Library Data Tables

Personnel and Public Services

Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	Reserve Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(34)	(35)	(36)	(37)	(38)	(39)	(Survey Question #)
						INSTITUTION
121,130	280,813	345,292	132,089	14,749	10,517	ALABAMA
384,861	U/A	964,083	150,720	71,411	26,951	ALBERTA
163,918	596,839	902,061	145,778	36,052	15,662	ARIZONA
369,516	524,180	1,035,442	187,234	22,920	18,273	ARIZONA STATE
4,600	384,691	519,385	62,759	19,473	4,112	AUBURN
97,400	351,856	453,646	193,456	15,765	14,521	BOSTON
258,757	727,396	827,517	67,441	26,236	18,568	BRIGHAM YOUNG
295,223	U/A	3,337,137	275,581	45,239	16,291	BRITISH COLUMBIA
68,765	247,314	309,291	128,632	12,288	16,092	BROWN
218,723	1,018,048	1,366,429	204,309	63,017	21,352	CALIFORNIA, BERKELEY
192,373	U/A	578,552	152,428	40,840	14,522	CALIFORNIA, DAVIS
142,743	318,662	335,003	151,627	20,984	24,638	CALIFORNIA, IRVINE
564,973	U/A	1,888,944	311,884	94,694	15,451	CALIFORNIA, LOS ANGELES
73,407	U/A	386,279	111,226	11,896	17,401	CALIFORNIA, RIVERSIDE
135,383	440,792	578,679	112,394	29,275	24,721	CALIFORNIA, SAN DIEGO
U/A	342,098	497,002	202,421	10,967	20,286	CALIFORNIA, SANTA BARBARA
110,981	136,014	168,865	50,280	59,727	23,411	CASE WESTERN RESERVE
65,504	470,341	832,767	319,167	42,671	18,657	CHICAGO
101,974	655,813	879,772	118,938	55,831	35,638	CINCINNATI
296,601	U/A	687,893	307,268	34,257	13,191	COLORADO
157,148	360,782	514,784	85,268	28,771	22,639	COLORADO STATE
154,429	511,293	682,446	315,985	31,411	16,937	COLUMBIA
106,246	U/A	345,840	122,473	42,015	18,658	CONNECTICUT
238,941	945,498	1,155,128	U/A	20,350	16,098	CORNELL
U/A	259,916	319,682	152,092	15,439	13,938	DARTMOUTH
223,491	U/A	484,341	147,719	12,120	11,910	DELAWARE
167,047	316,318	429,415	112,331	49,905	15,002	DUKE
56,858	234,319	483,380	92,178	23,211	9,088	EMORY
224,521	U/A	1,702,104	162,491	61,965	12,412	FLORIDA
225,000	349,589	397,465	99,426	36,583	13,840	FLORIDA STATE
147,023	U/A	295,467	159,211	14,296	7,714	GEORGETOWN
160,278	U/A	511,592	122,409	34,544	9,089	GEORGIA
124,092	76,359	272,497	56,431	11,967	3,277	GEORGIA TECH
70,674	U/A	378,430	190,566	3,210	4,065	GUELPH
U/A	U/A	1,489,066	U/A	69,661	18,718	HARVARD
182,283	564,334	625,126	32,922	16,153	7,192	HAWAII
242,316	259,571	355,918	56,893	23,372	16,927	HOUSTON
125,665	U/A	224,452	U/A	1,988	1,702	HOWARD
170,668	339,500	536,893	95,505	93,355	74,598	ILLINOIS, CHICAGO
451,300	U/A	1,665,013	419,667	67,752	56,838	ILLINOIS, URBANA

U/A - Unavailable N/A - Not Applicable

* - Figures in italics are derived from a sampling method rather than an actual annual count.

ARL Library Data Tables 1994-95

Personnel and Public Services

INSTITUTION	Notes	Professional Staff (FTE) (28)	Support Staff (FTE) (29)	Student Assistants (FTE) (30)	Total Staff (FTE) (31)	Library Presentations to Groups * (32)	Participants in Group Presentations * (33)
INDIANA	L+	137	190	152	479	1,134	24,505
IOWA	LM+	93	123	82	298	1,004	16,542
IOWA STATE	+	48	113	60	221	1,061	8,229
JOHNS HOPKINS	M+	87	172	43	302	723	*7,163*
KANSAS	BLM+	95	120	88	303	U/A	U/A
KENT STATE	B+	52	94	84	230	379	10,628
KENTUCKY	LM+	96	116	111	323	1,007	12,693
LAVAL	LM+	67	191	8	266	1,117	8,395
LOUISIANA STATE	L+	51	108	58	217	770	8,012
MCGILL	LM+	80	188	47	315	774	10,142
MCMASTER	M+	34	136	16	186	372	3,371
MANITOBA	LM+	53	136	27	216	974	8,858
MARYLAND	+	91	125	120	336	661	13,244
MASSACHUSETTS	+	51	89	42	182	248	5,315
MIT	+	84	118	25	227	165	2,217
MIAMI	LM+	73	134	49	256	513	9,696
MICHIGAN	LM+	144	288	161	593	1,183	18,470
MICHIGAN STATE	+	58	112	105	275	541	6,092
MINNESOTA	LM+	102	192	147	441	545	11,095
MISSOURI	LM+	57	134	50	241	673	7,217
NEBRASKA	L+	53	117	49	219	755	11,850
NEW MEXICO	LM+	83	169	101	353	1,511	15,738
NEW YORK	LM+	154	204	124	482	690	7,668
NORTH CAROLINA	LM+	120	210	94	424	1,854	30,858
NORTH CAROLINA STATE	+	66	120	59	245	293	5,608
NORTHWESTERN	BLM+	110	139	151	400	714	6,757
NOTRE DAME	L+	47	141	24	212	999	15,735
OHIO STATE	LM+	104	180	134	418	677	26,177
OKLAHOMA	LM+	52	76	58	186	357	6,502
OKLAHOMA STATE	BM+	51	66	67	184	652	10,035
OREGON	L+	54	92	74	220	U/A	U/A
PENNSYLVANIA	LM+	106	184	89	379	1,023	12,527
PENNSYLVANIA STATE	B+	120	346	79	545	2,646	33,084
PITTSBURGH	BLM+	106	208	102	416	1,443	23,173
PRINCETON	+	119	219	57	395	U/A	U/A
PURDUE	+	65	145	58	268	337	8,097
QUEEN'S	LM+	45	137	20	202	566	*8,650*
RICE	+	45	60	14	119	238	2,853
ROCHESTER	M+	62	92	56	210	683	7,535
RUTGERS	BL+	108	238	105	451	773	15,432

+ - See Footnotes
L - Includes Law Library
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U/A - Unavailable
N/A - Not Applicable
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Personnel and Public Services

Reference Transactions * (34)	Initial Circulation Transactions (35)	Total Circulation Transactions (36)	Reserve Circulation Transactions (37)	Total Items Loaned (ILL) (38)	Total Items Borrowed (ILL) (39)	(Survey Question #) INSTITUTION
643,240	U/A	1,573,655	U/A	63,784	33,468	INDIANA
97,425	U/A	583,477	133,015	55,110	16,985	IOWA
77,501	534,985	579,298	126,671	24,627	11,172	IOWA STATE
113,122	290,487	616,809	225,161	27,253	20,502	JOHNS HOPKINS
U/A	U/A	1,551,367	U/A	43,042	22,501	KANSAS
74,896	283,871	308,696	44,394	20,715	27,057	KENT STATE
372,044	U/A	376,123	182,709	33,782	25,182	KENTUCKY
227,060	533,298	893,313	81,177	24,787	14,334	LAVAL
218,061	342,431	435,845	140,417	13,345	11,441	LOUISIANA STATE
216,668	706,111	915,538	344,532	22,158	9,763	MCGILL
60,512	399,783	465,544	371,912	18,749	13,014	MCMASTER
71,928	U/A	657,890	295,468	22,163	10,403	MANITOBA
440,525	U/A	769,477	197,592	24,864	12,436	MARYLAND
137,074	300,739	312,204	182,587	18,343	9,428	MASSACHUSETTS
110,343	428,397	557,335	67,211	20,267	7,807	MIT
149,326	231,149	330,084	127,251	36,453	14,186	MIAMI
322,654	681,837	1,011,792	226,502	54,846	26,368	MICHIGAN
U/A	U/A	684,652	66,064	23,769	13,913	MICHIGAN STATE
290,977	759,425	1,030,920	281,421	248,741	15,254	MINNESOTA
114,428	U/A	418,293	113,769	36,900	17,014	MISSOURI
103,111	361,952	591,283	70,653	12,661	19,458	NEBRASKA
206,691	462,363	684,113	262,314	29,507	24,402	NEW MEXICO
178,517	772,122	U/A	207,469	17,137	20,437	NEW YORK
319,724	U/A	1,857,482	162,097	45,312	9,275	NORTH CAROLINA
119,058	374,232	439,455	42,510	24,144	7,108	NORTH CAROLINA STATE
88,763	313,877	359,331	114,634	30,962	24,528	NORTHWESTERN
74,441	309,793	378,553	90,704	17,595	10,506	NOTRE DAME
923,676	499,146	903,185	369,197	33,285	27,627	OHIO STATE
165,662	183,851	239,107	90,570	30,547	16,525	OKLAHOMA
126,811	U/A	393,438	U/A	22,079	12,182	OKLAHOMA STATE
44,850	442,352	514,980	143,701	23,644	11,230	OREGON
391,332	410,965	588,101	130,572	23,793	28,556	PENNSYLVANIA
504,321	949,441	1,097,742	246,485	36,413	18,297	PENNSYLVANIA STATE
389,266	451,106	590,956	255,220	48,231	14,472	PITTSBURGH
U/A	U/A	965,097	153,266	19,042	9,895	PRINCETON
202,712	343,191	530,513	423,881	28,962	15,454	PURDUE
106,944	471,277	575,731	312,526	6,829	10,654	QUEEN'S
U/A	145,904	181,193	58,941	6,766	4,904	RICE
145,734	236,718	330,230	104,183	28,366	13,623	ROCHESTER
324,104	526,933	843,776	218,194	20,464	18,310	RUTGERS

U/A - Unavailable N/A - Not Applicable

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ARL Library Data Tables 1994-95

Personnel and Public Services

(Survey Question #)		Professional Staff (FTE) (28)	Support Staff (FTE) (29)	Student Assistants (FTE) (30)	Total Staff (FTE) (31)	Library Presentations to Groups * (32)	Participants in Group Presentations * (33)
INSTITUTION	Notes						
SASKATCHEWAN	LM+	42	120	10	172	227	2,465
SOUTH CAROLINA	LM+	73	115	57	245	913	10,531
SOUTHERN CALIFORNIA	BLM+	109	136	107	352	1,287	17,739
SOUTHERN ILLINOIS	L+	43	95	91	229	944	7,121
STANFORD	LM+	163	290	91	544	646	8,615
SUNY-ALBANY	B+	48	80	50	178	369	4,678
SUNY-BUFFALO	LM+	95	92	68	255	*1,154*	*17,870*
SUNY-STONY BROOK	M+	43	93	51	187	389	4,040
SYRACUSE	L+	71	127	47	245	462	7,044
TEMPLE	BLM+	72	108	51	231	221	4,777
TENNESSEE	L+	65	139	63	267	415	9,955
TEXAS	L+	141	382	82	605	1,119	20,261
TEXAS A&M	BM+	85	145	86	316	1,695	42,222
TORONTO	LM+	154	373	85	612	743	6,164
TULANE	LM+	55	90	49	194	452	4,294
UTAH	LM+	70	161	85	316	992	20,474
VANDERBILT	LM+	86	139	73	298	606	5,703
VIRGINIA	LM+	91	194	74	359	1,053	12,390
VPI & SU	+	41	102	63	206	636	9,713
WASHINGTON	LM+	131	226	126	483	1,612	20,979
WASHINGTON STATE	+	38	93	41	172	411	5,951
WASHINGTON U.-ST. LOUIS	LM+	78	154	58	290	245	2,549
WATERLOO	+	42	116	21	179	246	4,954
WAYNE STATE	LM+	80	101	79	260	452	8,527
WESTERN ONTARIO	L+	46	171	18	235	305	6,372
WISCONSIN	LM+	155	218	166	539	1,810	19,633
YALE	LM+	193	321	97	611	435	2,345
YORK	BL+	51	137	51	239	564	8,517
BOSTON PUBLIC LIBRARY	+	206	268	80	554	4,059	138,639
CANADA INST. FOR SCITECH	B+	117	132	0	249	50	U/A
CENTER FOR RESEARCH LIBS.	+	33	35	13	81	1	35
LIBRARY OF CONGRESS	L+	1,543	2,988	13	4,544	3,116	84,818
LINDA HALL LIBRARY	+	25	41	0	66	92	1,012
NATL. AGRICULTURAL LIB.	+	120	84	4	208	568	24,635
NATL. LIBRARY OF CANADA	+	224	276	13	513	410	21,351
NATL. LIBRARY OF MEDICINE	M+	167	89	17	273	305	2,566
NEW YORK PUBLIC LIBRARY	+	273	443	138	854	U/A	U/A
NEW YORK STATE LIBRARY	LM+	79	108	0	187	147	1,007
SMITHSONIAN INSTITUTION	B+	60	49	4	113	N/A	N/A

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
U/A - Unavailable
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ARL Library Data Tables

Personnel and Public Services

Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	Reserve Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(34)	(35)	(36)	(37)	(38)	(39)	(Survey Question #)
						INSTITUTION
85,746	614,860	1,317,535	U/A	9,306	10,184	SASKATCHEWAN
156,419	U/A	891,298	80,968	14,659	19,690	SOUTH CAROLINA
158,098	609,453	794,877	114,217	13,066	13,618	SOUTHERN CALIFORNIA
130,460	223,036	304,553	45,002	34,626	17,700	SOUTHERN ILLINOIS
297,134	U/A	1,164,242	U/A	18,209	9,133	STANFORD
127,588	219,130	286,390	61,926	20,190	13,360	SUNY-ALBANY
141,970	425,340	505,887	89,221	40,939	13,174	SUNY-BUFFALO
125,107	330,301	387,011	77,502	36,302	10,048	SUNY-STONY BROOK
81,043	190,305	234,755	111,455	13,143	9,413	SYRACUSE
U/A	U/A	303,038	128,780	11,067	11,253	TEMPLE
99,645	449,188	768,185	129,994	19,233	24,271	TENNESSEE
487,775	1,696,268	2,690,871	367,632	34,344	25,347	TEXAS
282,524	U/A	1,019,890	126,942	45,079	25,106	TEXAS A&M
411,622	1,917,948	2,463,697	212,780	25,539	9,365	TORONTO
73,449	276,958	316,289	10,155	12,918	11,355	TULANE
U/A	324,026	419,718	161,605	29,497	13,342	UTAH
119,490	290,430	358,998	81,069	15,930	12,807	VANDERBILT
200,000	524,974	885,132	329,554	46,276	26,765	VIRGINIA
104,815	315,890	437,346	179,640	29,579	14,041	VPI & SU
109,712	U/A	1,342,975	85,747	81,392	10,006	WASHINGTON
96,265	240,487	383,568	64,387	29,061	7,408	WASHINGTON STATE
133,644	208,691	406,705	84,900	48,314	26,155	WASHINGTON U.-ST. LOUIS
59,050	466,357	612,567	130,993	8,833	6,186	WATERLOO
1,161,212	326,296	398,925	109,289	46,099	12,008	WAYNE STATE
184,423	U/A	869,510	U/A	11,324	3,616	WESTERN ONTARIO
452,952	879,955	1,161,502	325,999	98,475	24,604	WISCONSIN
358,164	640,643	736,214	41,208	14,843	14,310	YALE
158,637	870,736	1,215,625	91,775	18,537	4,387	YORK
1,459,771	U/A	2,385,422	U/A	26,336	8,510	BOSTON PUBLIC LIBRARY
7,726	U/A	3,179	N/A	378,851	2,784	CANADA INST. FOR SCITECH
N/A	96,213	96,213	N/A	29,813	0	CENTER FOR RESEARCH LIBS.
1,660,673	204,031	U/A	N/A	20,869	353	LIBRARY OF CONGRESS
30,241	3,313	3,313	U/A	47,003	50	LINDA HALL LIBRARY
51,892	10,394	12,326	N/A	25,651	11,723	NATL. AGRICULTURAL LIB.
253,156	60,381	63,607	N/A	57,052	857	NATL. LIBRARY OF CANADA
68,267	U/A	U/A	U/A	243,078	217	NATL. LIBRARY OF MEDICINE
U/A	U/A	U/A	U/A	3,695	3,647	NEW YORK PUBLIC LIBRARY
85,941	44,100	52,000	U/A	57,808	3,882	NEW YORK STATE LIBRARY
56,682	226,508	243,855	N/A	21,741	18,547	SMITHSONIAN INSTITUTION

U/A - Unavailable N/A - Not Applicable

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ARL Library Data Tables 1994-95

Summary Data: Personnel and Public Services

	Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Library Presentations to Groups	Participants in Group Presentations
(Survey Question #)	(28)	(29)	(30)	(31)	(32)	(33)
UNIVERSITY LIBRARIES:						
Median	73	136	63	268	673	8,456
High	402	589	222	1,116	2,646	42,222
Low	25	53	6	119	112	2,183
Totals	9,061	17,005	7,870	33,936	78,520	1,092,092
Number of Libraries Responding	108	108	108	108	101	100
NONUNIVERSITY LIBRARIES:						
Median	120	108	13	249	358	12,059
Totals	2,847	4,513	282	7,642	8,747	274,263
Number of Libraries Responding	11	11	11	11	8	8
GRAND TOTALS: ALL ARL LIBRARIES	11,908	21,518	8,152	41,578	87,267	1,366,355

ARL Library Data Tables 1994-95

Summary Data: Personnel and Public Services

Reference Transactions	Initial Circulation Transactions	Total Circulation Transactions	Reserve Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(34)	(35)	(36)	(37)	(38)	(39)	(Survey Question #)
						UNIVERSITY LIBRARIES:
156,419	379,462	578,552	130,572	25,202	14,403	Median
1,161,212	1,917,948	3,337,137	423,881	248,741	74,598	High
4,600	76,359	168,865	10,155	1,988	1,702	Low
20,845,257	35,503,344	78,576,969	15,716,909	3,552,579	1,769,220	Totals
99	76	107	99	108	108	Number of Libraries Responding
						NONUNIVERSITY LIBRARIES:
68,267	60,381	57,804	N/A	29,813	2,784	Median
3,676,349	644,940	2,859,915	N/A	914,097	50,570	Totals
9	7	8	0	11	11	Number of Libraries Responding
24,521,606	36,148,284	81,436,884	15,716,909	4,466,676	1,819,790	**GRAND TOTALS: ALL ARL LIBRARIES**

Analysis of Selected Variables of ARL University Libraries

The percentages and ratios below are select indicators that describe the condition of ARL university libraries. The high and low figures indicate the range, while the mean and median indicate the central tendency of the distributions for ARL university libraries. Note that a distribution is normal when the mean and the median figures are identical. If the mean is larger than the median then the distribution is positively skewed, and if the opposite is true the distribution is negatively skewed.

	Category	High	Mean	Median	Low	Number of libraries reporting
1.	Professional Staff as percent of Total Staff	43.33	26.47	25.82	16.89	108
2.	Support Staff as percent of Total Staff	77.03	50.36	50.21	17.79	108
3.	Student Assistant Staff as percent of Total Staff	47.65	23.17	23.47	3.01	108
4.	Ratio of Professional to Support Staff (excluding Student Assistant Staff)	1.94	0.56	0.52	0.22	108
5.	Ratio of Items Loaned to Items Borrowed	16.31	2.21	1.85	0.54	108
6.	Serial Expenditures as percent of Total Library Materials Expenditures	80.98	61.43	60.49	35.53	108
7.	Total Library Material Expenditures as percent of Total Library Expenditures	50.02	36.66	36.80	21.89	108
8.	Contract Binding as percent of Total Library Expenditures	2.34	1.28	1.24	0.21	108
9.	Salary and Wages Expenditures as percent of Total Library Expenditures	63.61	48.49	48.33	33.98	108
10.	Other Operating Expenditures as percent of Total Library Expenditures	26.62	13.56	13.60	4.58	108
11.	Unit cost of monographs (per volume)	$79.18	$45.07	$44.70	$23.07	92
12.	Unit cost of serials (per title)	$383.54	$210.71	$205.94	$90.82	81

PH.D., FACULTY, AND ENROLLMENT STATISTICS *

				ENROLLMENTS			
	Ph.D.s Awarded	Ph.D. Fields	Faculty	Total FTE Full-time**	Total Part-time**	Graduate FTE Full-time	Graduate Part-time
(Survey Question #)	(40)	(41)	(42)	(43)	(44)	(45)	(46)
INSTITUTION							
ALABAMA	106	49	794	15,628	3,678	2,329	1,982
ALBERTA +	283	59	1,579	22,252	2,538	3,110	1,278
ARIZONA +	396	95	1,469	27,186	8,120	5,597	3,241
ARIZONA STATE	465	53	1,818	25,168	10,711	5,571	6,560
AUBURN	123	37	1,172	17,953	3,273	1,863	1,636
BOSTON	193	56	1,091	22,659	6,413	7,353	3,313
BRIGHAM YOUNG	67	30	1,398	28,331	3,180	1,815	1,120
BRITISH COLUMBIA	254	71	1,847	18,209	6,754	5,383	555
BROWN	162	37	529	7,261	540	1,531	143
CALIFORNIA, BERKELEY +	797	119	1,390	26,830	2,804	7,545	1,071
CALIFORNIA, DAVIS +	323	52	1,293	20,236	2,206	4,768	281
CALIFORNIA, IRVINE	188	23	998	15,966	1,107	3,197	279
CALIFORNIA, LOS ANGELES	620	75	1,688	33,016	2,094	10,730	761
CALIFORNIA, RIVERSIDE	132	32	390	8,229	362	1,321	52
CALIFORNIA, SAN DIEGO	274	48	1,141	16,844	930	3,245	112
CALIFORNIA, SANTA BARBARA	231	53	950	17,700	857	2,255	161
CASE WESTERN RESERVE	161	44	1,850	6,502	3,054	3,401	2,506
CHICAGO	378	68	1,258	9,706	1,910	6,307	1,862
CINCINNATI +	217	55	1,742	19,862	8,896	4,594	2,949
COLORADO	297	41	1,227	20,276	4,272	2,166	2,637
COLORADO STATE +	209	39	997	15,740	2,060	2,653	1,008
COLUMBIA	392	68	3,186	15,176	3,872	10,121	2,152
CONNECTICUT	265	66	1,073	16,330	6,634	4,339	3,906
CORNELL +	524	74	1,532	18,811	79	5,583	45
DARTMOUTH	45	12	911	5,119	68	1,198	37
DELAWARE	139	39	906	15,740	5,845	1,694	1,516
DUKE +	239	41	1,044	10,742	610	4,657	551
EMORY	152	18	674	9,336	1,557	3,670	1,302
FLORIDA	400	71	2,258	32,334	5,943	7,007	2,791
FLORIDA STATE +	295	67	990	23,653	5,874	3,910	2,636
GEORGETOWN +	58	17	796	10,970	1,648	4,922	1,322
GEORGIA	277	68	1,967	25,129	4,340	4,936	1,706
GEORGIA TECH	189	61	660	11,425	1,476	2,888	800
GUELPH	94	U/A	662	12,310	2,398	1,543	262
HARVARD +	390	73	1,708	17,390	1,162	10,603	851
HAWAII	147	49	1,114	14,333	5,677	3,262	3,458
HOUSTON	135	43	1,437	18,824	12,474	3,573	3,675
HOWARD	71	23	1,352	9,063	1,269	2,692	710
ILLINOIS, CHICAGO +	238	43	1,879	18,876	6,254	5,350	3,476
ILLINOIS, URBANA +	731	82	1,849	33,542	5,003	8,025	2,873
INDIANA +	315	71	1,418	29,695	5,899	4,050	2,659
IOWA +	323	58	1,100	20,914	6,757	5,486	3,829

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.
** - Includes both undergraduate and graduate students.
+ - See Footnotes
U/A - Unavailable

47

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Ph.D., Faculty, and Enrollment Statistics *

				ENROLLMENTS			
	Ph.D.s Awarded	Ph.D. Fields	Faculty	Total FTE Full-time**	Total Part-time**	Graduate FTE Full-time	Graduate Part-time
(Survey Question #)	(40)	(41)	(42)	(43)	(44)	(45)	(46)
INSTITUTION							
IOWA STATE	318	82	1,153	21,231	3,759	2,962	1,989
JOHNS HOPKINS	242	60	823	7,307	8,275	3,613	6,687
KANSAS +	**229**	**67**	**1,577**	**21,868**	**6,181**	**4,684**	**4,558**
KENT STATE	**174**	**18**	**841**	**20,140**	**10,130**	**1,899**	**2,942**
KENTUCKY	**201**	**51**	**1,228**	**18,418**	**5,204**	**3,454**	**2,762**
LAVAL	223	49	1,650	24,163	7,568	4,315	2,564
LOUISIANA STATE +	222	55	1,210	20,379	5,631	4,052	1,986
MCGILL +	276	59	1,681	22,077	9,655	5,188	1,769
MCMASTER	**121**	**36**	**1,001**	**13,644**	**3,782**	**1,584**	**643**
MANITOBA	**121**	**48**	**1,308**	**17,905**	**6,062**	**2,232**	**959**
MARYLAND	**480**	**65**	**1,428**	**24,479**	**8,014**	**4,183**	**4,586**
MASSACHUSETTS +	216	51	1,174	19,182	5,643	2,431	3,702
MIT	497	84	974	9,465	319	5,022	280
MIAMI	108	43	1,853	11,806	1,928	4,381	983
MICHIGAN +	**675**	**114**	**2,717**	**32,937**	**3,606**	**10,966**	**2,339**
MICHIGAN STATE	**407**	**104**	**2,038**	**32,396**	**7,858**	**5,482**	**3,716**
MINNESOTA	**686**	**98**	**1,500**	**22,828**	**28,650**	**6,232**	**7,492**
MISSOURI	207	61	881	17,969	4,206	3,242	2,494
NEBRASKA +	213	35	1,265	18,676	5,178	2,618	2,536
NEW MEXICO	198	37	1,417	14,529	9,815	2,014	2,254
NEW YORK	**370**	**137**	**2,136**	**22,278**	**13,147**	**6,388**	**10,024**
NORTH CAROLINA	**357**	**62**	**2,328**	**19,764**	**4,699**	**4,943**	**3,625**
NORTH CAROLINA STATE +	**258**	**53**	**1,568**	**16,681**	**4,671**	**1,935**	**4,290**
NORTHWESTERN	311	77	1,887	13,941	3,725	6,190	1,715
NOTRE DAME	119	25	648	10,049	260	2,287	220
OHIO STATE	679	100	2,474	39,511	10,031	9,012	4,364
OKLAHOMA	**165**	**57**	**1,501**	**16,318**	**5,160**	**3,506**	**3,022**
OKLAHOMA STATE	**110**	**35**	**1,238**	**18,912**	**8,810**	**1,718**	**2,607**
OREGON +	**133**	**45**	**709**	**14,203**	**2,478**	**2,666**	**772**
PENNSYLVANIA	489	65	1,958	18,419	4,301	8,926	2,494
PENNSYLVANIA STATE	540	88	2,944	32,637	15,685	4,513	5,858
PITTSBURGH +	278	63	1,573	23,333	8,966	5,896	3,711
PRINCETON	**300**	**45**	**734**	**4,524**	**126**	**1,825**	**0**
PURDUE	**512**	**54**	**1,353**	**30,096**	**2,241**	**4,292**	**2,124**
QUEEN'S +	**146**	**29**	**720**	**13,181**	**3,360**	**2,084**	**720**
RICE	121	26	449	3,988	101	1,351	92
ROCHESTER +	206	53	502	7,698	1,934	2,271	1,498
RUTGERS	383	61	1,975	32,373	15,327	4,669	398
SASKATCHEWAN	**64**	**42**	**959**	**14,797**	**3,255**	**1,376**	**456**
SOUTH CAROLINA	**237**	**49**	**1,400**	**16,789**	**9,965**	**4,379**	**6,347**
SOUTHERN CALIFORNIA +	**475**	**78**	**1,629**	**21,081**	**7,104**	**7,496**	**5,607**
SOUTHERN ILLINOIS +	140	28	956	18,808	4,354	1,726	2,071

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.
** - Includes both undergraduate and graduate students.
+ - See Footnotes
U/A - Unavailable

Ph.D., Faculty, and Enrollment Statistics *

				ENROLLMENTS			
	Ph.D.s Awarded	Ph.D. Fields	Faculty	Total FTE Full-time**	Total Part-time**	Graduate FTE Full-time	Graduate Part-time
(Survey Question #)	(40)	(41)	(42)	(43)	(44)	(45)	(46)
INSTITUTION							
STANFORD	574	76	1,428	12,622	U/A	6,061	1,409
SUNY-ALBANY	147	34	619	12,262	4,360	2,159	3,111
SUNY-BUFFALO +	318	66	1,286	18,375	6,568	4,815	3,717
SUNY-STONY BROOK	244	40	1,295	13,379	4,242	3,043	2,824
SYRACUSE +	199	75	868	13,684	5,260	2,346	3,698
TEMPLE +	235	61	1,720	19,116	10,500	4,495	6,000
TENNESSEE +	239	48	1,092	19,853	6,061	4,130	3,164
TEXAS +	727	81	2,194	40,866	6,641	11,592	1,619
TEXAS A&M +	591	106	1,987	37,325	4,783	5,796	1,944
TORONTO	437	75	2,675	36,967	16,619	7,131	3,382
TULANE	73	43	934	8,864	2,002	3,918	415
UTAH	203	59	1,430	17,660	9,254	3,896	1,052
VANDERBILT +	135	39	1,581	9,491	597	3,741	542
VIRGINIA	285	46	989	17,051	4,370	5,664	3,189
VPI & SU +	361	50	1,466	22,505	3,337	3,851	2,762
WASHINGTON +	454	65	2,934	28,152	6,037	7,536	1,636
WASHINGTON STATE	156	44	965	16,894	2,420	2,134	1,057
WASHINGTON U.-ST. LOUIS	164	46	634	8,324	3,331	3,362	2,123
WATERLOO	139	32	806	15,476	7,082	1,680	405
WAYNE STATE	220	41	1,321	14,927	17,222	6,013	7,498
WESTERN ONTARIO	150	35	1,365	16,353	3,334	2,665	153
WISCONSIN	758	121	2,156	33,435	5,926	9,649	2,168
YALE	345	47	1,781	10,619	297	5,452	203
YORK	82	55	1,178	27,710	11,076	2,172	1,183

Summary Data: Ph.D., Faculty-, and Enrollment Statistics

Median	238	53	1,315	18,089	4,370	3,984	2,034
High	797	137	3,186	52,637	28,650	11,592	10,024
Low	45	12	390	3,988	68	1,198	0
Totals	30,758	6,054	149,201	2,058,176	573,081	469,559	248,584
Number of Libraries Responding	108	107	108	108	107	108	108

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.
** - Includes both undergraduate and graduate students.
+ - See Footnotes
U/A - Unavailable

Rank Order Tables of University Libraries

SUMMARY OF RANK ORDER TABLES FOR UNIVERSITY LIBRARIES

The table below presents the rank for each university library in each of the eighteen categories for which rank order tables are prepared. The table numbers in the chart below refer to the data categories listed below. The number of libraries indicates the number of ARL university libraries supplying data in each category.

TABLE	DATA CATEGORY	NO. OF LIBS	TABLE	DATA CATEGORY	NO. OF LIBS
1	VOLUMES IN LIBRARY	108	10	MONOGRAPHS PURCHASED (VOLS.)	92
2	VOLUMES ADDED (GROSS)	108	11	EXPENDITURES FOR MONOGRAPHS	108
3	CURRENT SERIALS (TOTALS)	108	12	SERIALS PURCHASED (SUBS.)	81
4	MICROFORM HOLDINGS	108	13	EXPENDITURES FOR SERIALS	108
5	GOVERNMENT DOCUMENTS	95	14	TOTAL ITEMS LOANED	108
6	MATERIALS EXPENDITURES	108	15	TOTAL ITEMS BORROWED	108
7	SALARIES & WAGES EXPENDITURES	108	16	PROFESSIONAL STAFF (FTE)	108
8	OTHER OPERATING EXPENDITURES	108	17	SUPPORT STAFF (FTE)	108
9	TOTAL LIBRARY EXPENDITURES	108	18	TOTAL STAFF (FTE)	108

INSTITUTION	TABLES																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ALABAMA	89	103	84	68	10	55	102	85	86	71	88	67	29	88	81	69	99	90
ALBERTA	18	22	40	48	38	26	26	62	30	51	34	19	9	6	8	51	15	34
ARIZONA	23	26	43	26	77	28	34	37	31	16	28	18	44	34	47	42	35	32
ARIZONA STATE	38	41	23	3	24	30	31	40	32	12	21	17	35	64	36	30	21	27
AUBURN	65	44	61	75	44	98	99	87	101	48	68	77	100	74	104	85	85	90
BOSTON	91	66	34	54	U/A	89	70	66	71	63	94	26	66	85	53	65	58	63
BRIGHAM YOUNG	61	77	77	96	48	56	57	58	60	21	44	69	74	53	33	28	108	44
BRITISH COLUMBIA	28	14	58	33	18	34	20	55	25	15	17	37	30	22	44	26	12	22
BROWN	48	81	97	101	77	70	65	33	59	43	41	65	88	96	46	44	87	62
CALIFORNIA, BERKELEY	4	10	4	12	64	5	3	7	5	U/A	3	U/A	5	10	24	3	11	2
CALIFORNIA, DAVIS	47	34	12	51	65	38	41	41	39	U/A	32	U/A	49	28	52	80	32	47
CALIFORNIA, IRVINE	95	87	86	95	53	72	42	45	49	74	85	U/A	70	68	16	73	91	64
CALIFORNIA, LOS ANGELES	9	8	2	9	68	7	5	3	4	1	4	U/A	17	3	49	15	7	6
CALIFORNIA, RIVERSIDE	103	104	95	100	46	105	95	100	105	54	69	79	105	99	38	106	101	103
CALIFORNIA, SAN DIEGO	62	42	47	85	57	43	28	44	35	10	33	31	57	47	15	59	34	38
CALIFORNIA, SANTA BARBARA	70	39	79	41	49	90	64	48	65	52	77	62	76	102	27	91	55	73
CASE WESTERN RESERVE	94	102	94	93	71	79	94	93	91	90	101	60	50	12	21	68	99	97
CHICAGO	11	11	15	94	U/A	25	27	29	27	6	11	U/A	25	25	32	52	25	33
CINCINNATI	86	75	51	73	47	45	58	65	56	62	56	U/A	36	13	3	52	68	50
COLORADO	52	88	32	15	5	33	55	21	38	26	52	24	20	38	66	65	61	60
COLORADO STATE	108	74	54	91	50	87	101	101	102	69	78	73	87	50	22	104	104	105
COLUMBIA	8	4	6	23	61	10	8	14	8	U/A	8	1	7	41	41	4	10	9
CONNECTICUT	54	37	66	46	U/A	53	35	46	43	67	99	25	42	26	31	61	77	58
CORNELL	12	9	7	2	U/A	9	11	9	10	U/A	10	U/A	12	71	45	14	6	8
DARTMOUTH	78	49	57	88	77	77	81	59	78	65	66	29	81	86	59	85	81	95
DELAWARE	73	95	92	81	40	65	80	91	82	36	36	48	84	97	74	80	75	80
DUKE	20	16	26	66	6	19	25	15	21	14	15	U/A	18	16	51	23	36	35
EMORY	74	93	46	70	67	31	52	10	33	U/A	18	28	41	63	95	44	43	53
FLORIDA	36	36	36	7	9	36	33	64	36	22	45	22	40	11	71	20	22	24

U/A - Unavailable

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INSTITUTION	TABLES																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FLORIDA STATE	79	80	65	30	16	60	100	102	90	U/A	62	U/A	53	30	61	73	61	73
GEORGETOWN	82	58	39	80	37	40	40	43	40	40	48	12	37	90	97	35	63	51
GEORGIA	35	35	11	16	15	35	46	67	44	19	37	U/A	33	36	94	44	31	31
GEORGIA TECH	97	82	101	44	77	102	108	96	107	89	90	81	96	98	107	80	106	107
GUELPH	84	107	104	102	77	108	104	104	108	85	97	80	108	107	105	108	74	106
HARVARD	1	1	1	1	U/A	1	1	1	1	U/A	2	U/A	2	7	30	1	1	1
HAWAII	44	53	24	11	77	96	48	78	66	30	72	14	102	83	99	69	82	71
HOUSTON	99	97	90	47	27	64	96	27	70	44	58	43	86	62	42	95	86	83
HOWARD	71	106	103	45	U/A	67	92	106	88	86	108	63	89	108	108	77	87	104
ILLINOIS, CHICAGO	96	86	85	90	25	68	49	50	51	49	70	39	58	4	1	47	40	49
ILLINOIS, URBANA	3	3	3	31	U/A	18	18	24	18	2	13	U/A	16	8	2	6	13	13
INDIANA	13	7	19	49	77	12	19	36	19	5	14	9	26	9	4	12	28	16
IOWA	27	32	22	10	12	37	39	47	37	27	38	20	54	14	40	34	63	44
IOWA STATE	85	79	53	78	77	57	73	32	61	53	53	42	69	57	79	92	75	78
JOHNS HOPKINS	37	60	56	57	77	22	38	16	28	25	30	36	45	52	25	38	36	43
KANSAS	33	40	28	76	26	47	53	56	50	24	39	23	60	24	23	32	65	42
KENT STATE	72	61	102	108	76	107	78	82	100	91	102	78	107	69	7	80	90	73
KENTUCKY	33	91	38	14	7	59	51	35	47	83	100	45	46	39	13	31	71	37
LAVAL	77	46	81	107	75	81	45	99	68	59	91	50	59	56	55	60	27	56
LOUISIANA STATE	45	72	67	25	66	104	90	77	97	92	107	59	85	91	75	85	79	82
MCGILL	43	28	73	104	17	75	36	89	52	57	71	57	82	66	88	48	29	41
MCMASTER	104	105	98	103	62	97	86	105	99	60	82	66	91	77	68	107	52	93
MANITOBA	106	101	107	106	31	106	72	94	94	87	106	70	106	65	83	77	52	83
MARYLAND	58	29	41	21	23	69	44	26	46	37	47	40	78	55	70	36	60	36
MASSACHUSETTS	51	68	88	97	52	93	69	88	81	42	76	64	94	79	89	85	98	98
MIT	60	92	52	98	77	86	56	61	64	84	93	71	80	72	96	41	68	77
MIAMI	87	57	60	71	35	49	61	52	54	35	84	35	32	31	57	54	56	58
MICHIGAN	6	15	5	17	77	4	9	8	6	U/A	7	3	1	15	10	10	9	7
MICHIGAN STATE	25	20	35	24	77	48	50	90	58	34	40	46	52	60	60	71	77	52
MINNESOTA	17	12	13	19	1	13	16	12	13	U/A	24	4	6	1	30	29	26	18
MISSOURI	49	73	48	8	4	66	79	68	73	55	64	U/A	48	29	39	72	56	68
NEBRASKA	64	78	55	39	29	84	88	92	87	81	89	51	64	95	29	77	70	80
NEW MEXICO	90	62	74	5	55	73	37	18	41	41	75	58	73	45	19	42	39	29
NEW YORK	32	30	33	42	43	24	15	5	12	11	16	8	21	82	26	8	22	15
NORTH CAROLINA	22	24	17	40	3	17	22	39	22	9	22	15	24	21	92	16	19	19
NORTH CAROLINA STATE	57	45	63	35	77	58	75	63	67	33	57	74	65	58	100	61	65	65
NORTHWESTERN	26	50	21	69	77	39	32	31	34	U/A	42	U/A	34	42	18	19	47	23
NOTRE DAME	59	63	49	83	U/A	62	77	53	69	45	43	U/A	93	81	82	94	46	85
OHIO STATE	19	38	27	38	63	20	24	19	23	18	27	11	10	40	6	26	33	20
OKLAHOMA	55	85	76	53	8	85	105	72	95	82	98	30	62	43	43	80	103	93
OKLAHOMA STATE	100	52	64	63	73	91	107	60	98	68	87	56	98	67	72	85	105	95
OREGON	76	69	75	99	36	63	84	71	77	38	50	54	77	61	78	76	94	79

U/A - Unavailable

INSTITUTION	TABLES																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PENNSYLVANIA	21	23	25	74	U/A	21	21	11	20	17	19	U/A	28	39	5	24	30	26
PENNSYLVANIA STATE	29	21	30	60	77	15	12	23	15	U/A	25	16	11	32	35	16	4	10
PITTSBURGH	30	27	42	59	72	23	30	30	29	U/A	26	U/A	19	18	54	24	20	21
PRINCETON	16	18	29	50	32	11	17	25	14	U/A	6	7	55	76	87	18	17	25
PURDUE	68	55	93	92	34	71	76	75	74	79	92	52	38	49	48	63	44	54
QUEEN'S	83	65	99	61	13	94	82	107	96	70	81	53	79	105	80	97	50	88
RICE	98	84	105	89	51	61	106	73	93	32	46	72	92	106	102	97	107	108
ROCHESTER	42	99	108	37	28	78	85	86	85	75	86	68	68	51	62	67	94	86
RUTGERS	31	31	31	22	2	27	7	69	16	47	51	U/A	15	70	34	22	14	17
SASKATCHEWAN	107	94	96	77	39	99	103	108	106	88	105	75	75	103	84	101	65	101
SOUTH CAROLINA	50	47	68	36	20	83	74	22	63	29	59	U/A	99	89	28	54	73	65
SOUTHERN CALIFORNIA	34	48	37	13	33	32	23	20	24	13	29	U/A	23	93	63	20	52	30
SOUTHERN ILLINOIS	66	83	70	43	41	80	87	83	84	76	96	38	71	35	37	90	89	76
STANFORD	10	13	18	28	70	2	2	4	2	U/A	1	U/A	4	80	93	3	8	11
SUNY-ALBANY	101	98	83	79	77	100	97	95	104	73	95	U/A	104	73	64	92	101	100
SUNY-BUFFALO	40	43	50	27	30	52	47	70	53	50	60	27	67	27	67	32	94	60
SUNY-STONY BROOK	93	90	106	55	58	88	71	97	83	64	79	76	97	33	85	99	91	92
SYRACUSE	46	67	81	32	54	95	83	42	79	80	104	41	90	92	90	37	59	65
TEMPLE	69	96	89	86	60	82	68	84	75	58	73	61	72	101	77	36	79	72
TENNESSEE	81	89	59	65	22	31	67	57	62	28	55	34	39	75	20	63	47	33
TEXAS	5	5	10	18	77	29	13	28	17	20	31	10	27	37	12	11	2	5
TEXAS A&M	67	70	78	29	69	44	59	17	45	61	61	44	51	23	14	40	44	39
TORONTO	7	2	20	56	U/A	6	4	74	7	3	5	6	8	54	91	8	3	3
TULANE	88	71	91	87	14	76	98	79	89	46	63	U/A	95	94	76	75	97	89
UTAH	36	54	87	62	21	42	63	49	48	U/A	35	47	43	46	65	38	40	39
VANDERBILT	63	59	72	84	59	50	62	51	55	U/A	54	33	47	84	69	39	47	44
VIRGINIA	24	25	14	32	19	16	29	34	26	8	23	13	22	19	9	36	24	28
VPI & SU	92	56	69	6	42	46	93	81	80	77	83	49	56	44	58	103	82	87
WASHINGTON	15	6	8	4	U/A	8	14	13	11	23	12	2	3	5	86	13	16	14
WASHINGTON STATE	102	100	44	72	U/A	101	91	76	92	72	103	U/A	83	48	98	104	91	101
WASHINGTON U.-ST. LOUIS	39	33	62	82	74	41	43	38	42	36	74	21	31	17	31	50	42	48
WATERLOO	105	108	80	105	U/A	103	89	103	103	78	80	U/A	103	104	101	101	71	99
WAYNE STATE	41	51	45	58	45	54	54	54	57	66	49	32	63	20	73	48	84	57
WESTERN ONTARIO	75	76	71	67	77	74	66	98	76	39	65	55	61	100	106	95	38	70
WISCONSIN	14	17	16	34	56	14	10	6	9	7	20	5	13	2	17	6	18	12
YALE	2	19	9	20	11	3	6	2	3	4	9	U/A	14	87	36	2	5	4
YORK	80	64	100	64	77	92	60	80	72	31	67	U/A	101	78	103	85	30	69

U/A - Unavailable

RANK ORDER TABLE 1:
VOLUMES IN LIBRARY

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	13,143,330	55	OKLAHOMA	2,531,059
2	YALE	9,599,371	56	UTAH	2,476,737
3	ILLINOIS, URBANA	8,665,814	57	NORTH CAROLINA STATE	2,472,810
4	CALIFORNIA, BERKELEY	8,242,196	58	MARYLAND	2,464,623
5	TEXAS	7,176,889	59	NOTRE DAME	2,458,987
6	MICHIGAN	6,774,515	60	MIT	2,409,136
7	TORONTO	6,713,029	61	BRIGHAM YOUNG	2,371,281
8	COLUMBIA	6,664,748	62	CALIFORNIA, SAN DIEGO	2,366,019
9	CALIFORNIA, LOS ANGELES	6,606,361	63	VANDERBILT	2,335,725
10	STANFORD	6,549,725	64	NEBRASKA	2,331,963
11	CHICAGO	5,854,014	65	AUBURN	2,303,326
12	CORNELL	5,835,235	66	SOUTHERN ILLINOIS	2,302,838
13	INDIANA	5,677,326	67	TEXAS A&M	2,281,654
14	WISCONSIN	5,652,885	68	PURDUE	2,263,601
15	WASHINGTON	5,471,784	69	TEMPLE	2,262,519
16	PRINCETON	5,292,949	70	CALIFORNIA, SANTA BARBARA	2,247,826
17	MINNESOTA	5,241,590	71	HOWARD	2,235,764
18	ALBERTA	4,968,292	72	KENT STATE	2,224,660
19	OHIO STATE	4,864,522	73	DELAWARE	2,213,548
20	DUKE	4,415,525	74	EMORY	2,183,942
21	PENNSYLVANIA	4,324,225	75	WESTERN ONTARIO	2,181,329
22	NORTH CAROLINA	4,263,684	76	OREGON	2,143,556
23	ARIZONA	4,225,022	77	LAVAL	2,134,465
24	VIRGINIA	4,165,805	78	DARTMOUTH	2,130,672
25	MICHIGAN STATE	3,972,396	79	FLORIDA STATE	2,116,510
26	NORTHWESTERN	3,775,526	80	YORK	2,114,510
27	IOWA	3,655,496	81	TENNESSEE	2,110,204
28	BRITISH COLUMBIA	3,647,548	82	GEORGETOWN	2,071,359
29	PENNSYLVANIA STATE	3,632,652	83	QUEEN'S	2,063,339
30	PITTSBURGH	3,627,100	84	GUELPH	2,056,867
31	RUTGERS	3,480,920	85	IOWA STATE	2,043,344
32	NEW YORK	3,385,458	86	CINCINNATI	2,035,167
33	KANSAS	3,379,453	87	MIAMI	2,032,326
34	SOUTHERN CALIFORNIA	3,303,938	88	TULANE	2,029,777
35	GEORGIA	3,303,268	89	ALABAMA	2,024,410
36	FLORIDA	3,174,460	90	NEW MEXICO	2,021,883
37	JOHNS HOPKINS	3,118,765	91	BOSTON	2,004,356
38	ARIZONA STATE	3,101,920	92	VPI & SU	1,951,580
39	WASHINGTON U.-ST. LOUIS	3,095,313	93	SUNY-STONY BROOK	1,929,968
40	SUNY-BUFFALO	2,937,786	94	CASE WESTERN RESERVE	1,915,674
41	WAYNE STATE	2,904,641	95	CALIFORNIA, IRVINE	1,875,065
42	ROCHESTER	2,882,023	96	ILLINOIS, CHICAGO	1,873,252
43	MCGILL	2,878,716	97	GEORGIA TECH	1,865,727
44	HAWAII	2,854,225	98	RICE	1,864,335
45	LOUISIANA STATE	2,831,957	99	HOUSTON	1,846,757
46	SYRACUSE	2,826,295	100	OKLAHOMA STATE	1,831,764
47	CALIFORNIA, DAVIS	2,807,863	101	SUNY-ALBANY	1,815,326
48	BROWN	2,762,196	102	WASHINGTON STATE	1,797,820
49	MISSOURI	2,730,756	103	CALIFORNIA, RIVERSIDE	1,753,705
50	SOUTH CAROLINA	2,714,060	104	MCMASTER	1,737,858
51	MASSACHUSETTS	2,696,692	105	WATERLOO	1,732,615
52	COLORADO	2,624,243	106	MANITOBA	1,680,837
53	KENTUCKY	2,590,061	107	SASKATCHEWAN	1,648,536
54	CONNECTICUT	2,546,979	108	COLORADO STATE	1,606,642

Figure for some institutions includes government documents. See also Rank Order Table 5: Government Documents.

RANK ORDER TABLE 2:
VOLUMES ADDED (GROSS)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	277,176	55	PURDUE	68,492
2	TORONTO	214,570	56	VPI & SU	68,040
3	ILLINOIS, URBANA	198,096	57	MIAMI	67,881
4	COLUMBIA	175,890	58	GEORGETOWN	67,872
5	TEXAS	169,511	59	VANDERBILT	66,665
6	WASHINGTON	165,231	60	JOHNS HOPKINS	66,500
7	INDIANA	161,552	61	KENT STATE	66,475
8	CALIFORNIA, LOS ANGELES	156,962	62	NEW MEXICO	65,512
9	CORNELL	156,331	63	NOTRE DAME	65,288
10	CALIFORNIA, BERKELEY	155,586	64	YORK	65,204
11	CHICAGO	153,202	65	QUEEN'S	64,555
12	MINNESOTA	151,925	66	BOSTON	63,498
13	STANFORD	147,928	67	SYRACUSE	63,495
14	BRITISH COLUMBIA	147,388	68	MASSACHUSETTS	63,008
15	MICHIGAN	146,313	69	OREGON	62,832
16	DUKE	140,626	70	TEXAS A&M	62,133
17	WISCONSIN	126,063	71	TULANE	59,905
18	PRINCETON	124,044	72	LOUISIANA STATE	59,046
19	YALE	123,998	73	MISSOURI	57,681
20	MICHIGAN STATE	121,000	74	COLORADO STATE	57,650
21	PENNSYLVANIA STATE	120,619	75	CINCINNATI	57,598
22	ALBERTA	118,830	76	WESTERN ONTARIO	56,778
23	PENNSYLVANIA	118,596	77	BRIGHAM YOUNG	56,109
24	NORTH CAROLINA	114,700	78	NEBRASKA	56,055
25	VIRGINIA	113,874	79	IOWA STATE	55,299
26	ARIZONA	108,671	80	FLORIDA STATE	55,181
27	PITTSBURGH	105,212	81	BROWN	55,059
28	MCGILL	102,164	82	GEORGIA TECH	54,442
29	MARYLAND	99,937	83	SOUTHERN ILLINOIS	54,255
30	NEW YORK	97,463	84	RICE	53,232
31	RUTGERS	96,912	85	OKLAHOMA	52,585
32	IOWA	95,274	86	ILLINOIS, CHICAGO	51,596
33	WASHINGTON U.-ST. LOUIS	94,392	87	CALIFORNIA, IRVINE	50,125
34	CALIFORNIA, DAVIS	92,536	88	COLORADO	49,635
35	GEORGIA	91,359	89	TENNESSEE	49,540
36	FLORIDA	90,670	90	SUNY-STONY BROOK	49,483
37	CONNECTICUT	88,955	91	KENTUCKY	49,442
38	OHIO STATE	88,312	92	MIT	48,742
39	CALIFORNIA, SANTA BARBARA	87,968	93	EMORY	48,326
40	KANSAS	85,969	94	SASKATCHEWAN	47,900
41	ARIZONA STATE	85,708	95	DELAWARE	47,439
42	CALIFORNIA, SAN DIEGO	85,076	96	TEMPLE	47,179
43	SUNY-BUFFALO	84,027	97	HOUSTON	46,745
44	AUBURN	83,599	98	SUNY-ALBANY	43,568
45	NORTH CAROLINA STATE	79,976	99	ROCHESTER	41,903
46	LAVAL	79,537	100	WASHINGTON STATE	41,780
47	SOUTH CAROLINA	79,387	101	MANITOBA	40,138
48	SOUTHERN CALIFORNIA	78,595	102	CASE WESTERN RESERVE	39,388
49	DARTMOUTH	77,428	103	ALABAMA	39,200
50	NORTHWESTERN	76,226	104	CALIFORNIA, RIVERSIDE	39,161
51	WAYNE STATE	75,332	105	MCMASTER	38,715
52	OKLAHOMA STATE	74,708	106	HOWARD	27,874
53	HAWAII	71,624	107	GUELPH	27,852
54	UTAH	69,425	108	WATERLOO	25,625

Rank Order Table 3:
Current Serials Totals

Rank	Institution	Value	Rank	Institution	Value
1	HARVARD	96,353	55	NEBRASKA	20,623
2	CALIFORNIA, LOS ANGELES	96,121	56	JOHNS HOPKINS	20,574
3	ILLINOIS, URBANA	90,969	57	DARTMOUTH	20,288
4	CALIFORNIA, BERKELEY	87,368	58	BRITISH COLUMBIA	20,229
5	MICHIGAN	70,118	59	TENNESSEE	19,698
6	COLUMBIA	62,548	60	MIAMI	19,551
7	CORNELL	61,705	61	AUBURN	19,410
8	WASHINGTON	56,793	62	WASHINGTON U.-ST. LOUIS +	18,988
9	YALE +	56,359	63	NORTH CAROLINA STATE	18,880
10	TEXAS	51,837	64	OKLAHOMA STATE	18,677
11	GEORGIA	48,190	65	FLORIDA STATE +	18,296
12	CALIFORNIA, DAVIS	47,133	66	CONNECTICUT +	18,209
13	MINNESOTA	46,130	67	LOUISIANA STATE	18,001
14	VIRGINIA	45,992	68	SOUTH CAROLINA	17,940
15	CHICAGO	45,589	69	VPI & SU	17,743
16	WISCONSIN	44,810	70	SOUTHERN ILLINOIS +	17,724
17	NORTH CAROLINA	43,840	71	WESTERN ONTARIO	17,546
18	STANFORD +	43,784	72	VANDERBILT	17,450
19	INDIANA	41,233	73	MCGILL	17,424
20	TORONTO	40,449	74	NEW MEXICO	17,303
21	NORTHWESTERN	38,903	75	OREGON	17,259
22	IOWA	37,247	76	OKLAHOMA	17,093
23	ARIZONA STATE	35,091	77	BRIGHAM YOUNG	17,022
24	HAWAII	34,885	78	TEXAS A&M +	16,705
25	PENNSYLVANIA	33,558	79	CALIFORNIA, SANTA BARBARA	16,505
26	DUKE +	33,405	80	WATERLOO	16,438
27	OHIO STATE	33,368	81	LAVAL	16,309
28	KANSAS	32,504	81	SYRACUSE	16,309
29	PRINCETON	32,465	83	SUNY-ALBANY	16,177
30	PENNSYLVANIA STATE	32,275	84	ALABAMA	15,967
31	RUTGERS	30,217	85	ILLINOIS, CHICAGO	15,878
32	COLORADO	29,406	86	CALIFORNIA, IRVINE	15,873
33	NEW YORK	29,226	87	UTAH	15,752
34	BOSTON	28,858	88	MASSACHUSETTS	15,641
35	MICHIGAN STATE	27,917	89	TEMPLE	15,437
36	FLORIDA	27,309	90	HOUSTON +	15,178
37	SOUTHERN CALIFORNIA	27,229	91	TULANE +	14,846
38	KENTUCKY	26,844	92	DELAWARE +	14,462
39	GEORGETOWN +	26,472	93	PURDUE +	14,257
40	ALBERTA	26,424	94	CASE WESTERN RESERVE	14,108
41	MARYLAND	25,926	95	CALIFORNIA, RIVERSIDE	13,593
42	PITTSBURGH	25,214	96	SASKATCHEWAN	13,555
43	ARIZONA	24,946	97	BROWN	13,157
44	WASHINGTON STATE	24,905	98	MCMASTER	13,047
45	WAYNE STATE	24,785	99	QUEEN'S +	12,996
46	EMORY	24,588	100	YORK	12,837
47	CALIFORNIA, SAN DIEGO	23,906	101	GEORGIA TECH	12,713
48	MISSOURI	23,598	102	KENT STATE	12,210
49	NOTRE DAME	23,131	103	HOWARD +	12,006
50	SUNY-BUFFALO +	21,818	104	GUELPH	11,863
51	CINCINNATI	21,518	105	RICE	11,615
52	MIT	21,453	106	SUNY-STONY BROOK	11,081
53	IOWA STATE	21,201	107	MANITOBA +	10,629
54	COLORADO STATE	21,035	108	ROCHESTER	10,284

+ - Figure does not include government document serials.

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RANK ORDER TABLE 4:
MICROFORM UNITS

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	7,558,615	55	SUNY-STONY BROOK	3,402,275
2	CORNELL	6,773,020	56	TORONTO	3,401,021
3	ARIZONA STATE	6,355,681	57	JOHNS HOPKINS	3,386,609
4	WASHINGTON	6,255,761	58	WAYNE STATE	3,374,190
5	NEW MEXICO	6,057,516	59	PITTSBURGH	3,366,693
6	VPI & SU	5,886,007	60	PENNSYLVANIA STATE	3,318,822
7	FLORIDA	5,864,399	61	QUEEN'S	3,303,461
8	MISSOURI	5,810,794	62	UTAH	3,273,796
9	CALIFORNIA, LOS ANGELES	5,716,979	63	OKLAHOMA STATE	3,265,913
10	IOWA	5,613,778	64	YORK	3,265,009
11	HAWAII	5,565,078	65	TENNESSEE	3,232,249
12	CALIFORNIA, BERKELEY	5,563,213	66	DUKE	3,181,567
13	SOUTHERN CALIFORNIA	5,466,844	67	WESTERN ONTARIO	3,139,752
14	KENTUCKY	5,454,233	68	ALABAMA	3,136,608
15	COLORADO	5,389,160	69	NORTHWESTERN	3,130,069
16	GEORGIA	5,373,412	70	EMORY	3,076,611
17	MICHIGAN	5,281,831	71	MIAMI	3,027,921
18	TEXAS	5,196,391	72	WASHINGTON STATE	3,026,361
19	MINNESOTA	5,083,218	73	CINCINNATI	2,919,096
20	YALE	5,044,263	74	PENNSYLVANIA	2,911,876
21	MARYLAND	5,023,525	75	AUBURN	2,910,999
22	RUTGERS	4,996,144	76	KANSAS	2,898,833
23	COLUMBIA	4,994,833	77	SASKATCHEWAN	2,787,714
24	MICHIGAN STATE	4,993,512	78	IOWA STATE	2,786,780
25	LOUISIANA STATE	4,967,768	79	SUNY-ALBANY	2,762,545
26	ARIZONA	4,785,963	80	GEORGETOWN	2,747,571
27	SUNY-BUFFALO	4,565,039	81	DELAWARE	2,745,416
28	STANFORD	4,494,781	82	WASHINGTON U.-ST. LOUIS	2,705,557
29	TEXAS A&M	4,467,201	83	NOTRE DAME	2,661,435
30	FLORIDA STATE	4,402,643	84	VANDERBILT	2,580,196
31	ILLINOIS, URBANA	4,387,714	85	CALIFORNIA, SAN DIEGO	2,537,098
32	VIRGINIA	4,386,052	86	TEMPLE	2,462,732
33	BRITISH COLUMBIA	4,353,956	87	TULANE	2,405,379
34	WISCONSIN	4,280,297	88	DARTMOUTH	2,404,712
35	NORTH CAROLINA STATE	4,223,418	89	RICE	2,306,413
36	SOUTH CAROLINA	4,186,737	90	ILLINOIS, CHICAGO	2,304,241
37	ROCHESTER	4,060,725	91	COLORADO STATE	2,277,828
38	OHIO STATE	4,005,131	92	PURDUE	2,187,824
39	NEBRASKA	3,968,085	93	CASE WESTERN RESERVE	2,181,405
40	NORTH CAROLINA	3,898,477	94	CHICAGO	2,178,083
41	CALIFORNIA, SANTA BARBARA	3,890,573	95	CALIFORNIA, IRVINE	2,143,814
42	NEW YORK	3,880,821	96	BRIGHAM YOUNG	2,133,986
43	SOUTHERN ILLINOIS	3,806,386	97	MASSACHUSETTS	2,131,229
44	GEORGIA TECH	3,721,197	98	MIT	2,105,096
45	HOWARD	3,689,265	99	OREGON	1,888,835
46	CONNECTICUT	3,669,956	100	CALIFORNIA, RIVERSIDE	1,597,013
47	HOUSTON	3,644,416	101	BROWN	1,508,020
48	ALBERTA	3,625,992	102	GUELPH	1,419,324
49	INDIANA	3,623,090	103	MCMASTER	1,373,979
50	PRINCETON	3,612,712	104	MCGILL	1,347,565
51	CALIFORNIA, DAVIS	3,568,949	105	WATERLOO	1,296,642
52	SYRACUSE	3,514,142	106	MANITOBA	1,254,674
53	OKLAHOMA	3,465,300	107	LAVAL	1,150,064
54	BOSTON	3,444,435	108	KENT STATE	1,138,048

RANK ORDER TABLE 5:
GOVERNMENT DOCUMENTS

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	MINNESOTA	2,917,048	55	NEW MEXICO	283,421
2	RUTGERS	2,621,905	56	WISCONSIN	270,151
3	NORTH CAROLINA	1,863,986	57	CALIFORNIA, SAN DIEGO	240,100
4	MISSOURI	1,720,871	58	SUNY-STONY BROOK	232,180
5	COLORADO	1,596,135	59	VANDERBILT	215,968
6	DUKE	1,522,801	60	TEMPLE	197,135
7	KENTUCKY	1,505,548	61	COLUMBIA	170,925
8	OKLAHOMA	1,406,375	62	MCMASTER	152,813
9	FLORIDA	1,222,673	63	OHIO STATE	130,131
10	ALABAMA	1,138,599	64	CALIFORNIA, BERKELEY	106,563
11	YALE	1,042,016	65	CALIFORNIA, DAVIS	102,401
12	IOWA	1,007,460	66	LOUISIANA STATE	86,624
13	QUEEN'S	990,012	67	EMORY	77,775
14	TULANE	969,552	68	CALIFORNIA, LOS ANGELES	69,867
15	GEORGIA	902,029	69	TEXAS A&M	65,519
16	FLORIDA STATE	867,905	70	STANFORD	35,696
17	MCGILL	831,845	71	CASE WESTERN RESERVE	31,207
18	BRITISH COLUMBIA	823,302	72	PITTSBURGH	21,763
19	VIRGINIA	793,542	73	OKLAHOMA STATE	13,049
20	SOUTH CAROLINA	755,445	74	WASHINGTON U.-ST. LOUIS	4,072
21	UTAH	749,925	75	LAVAL	3,500
22	TENNESSEE	743,244	76	KENT STATE	147
23	MARYLAND	733,560	77	HAWAII	0
24	ARIZONA STATE	714,850	77	MICHIGAN	0
25	ILLINOIS, CHICAGO	673,944	77	TEXAS	0
26	KANSAS	657,007	77	MICHIGAN STATE	0
27	HOUSTON	644,667	77	ARIZONA	0
28	ROCHESTER	546,086	77	NORTH CAROLINA STATE	0
29	NEBRASKA	536,339	77	GEORGIA TECH	0
30	SUNY-BUFFALO	530,112	77	INDIANA	0
31	MANITOBA	507,032	77	JOHNS HOPKINS	0
32	PRINCETON	506,826	77	PENNSYLVANIA STATE	0
33	SOUTHERN CALIFORNIA	486,656	77	YORK	0
34	PURDUE	480,146	77	WESTERN ONTARIO	0
35	MIAMI	478,529	77	NORTHWESTERN	0
36	OREGON	468,072	77	IOWA STATE	0
37	GEORGETOWN	443,844	77	SUNY-ALBANY	0
38	ALBERTA	430,405	77	DARTMOUTH	0
39	SASKATCHEWAN	420,049	77	MIT	0
40	DELAWARE	414,397	77	BROWN	0
41	SOUTHERN ILLINOIS	412,724	77	GUELPH	0
42	VPI & SU	398,741	96	HARVARD	U/A
43	NEW YORK	398,287	96	CORNELL	U/A
44	AUBURN	393,421	96	WASHINGTON	U/A
45	WAYNE STATE	379,849	96	ILLINOIS, URBANA	U/A
46	CALIFORNIA, RIVERSIDE	358,645	96	HOWARD	U/A
47	CINCINNATI	347,185	96	CONNECTICUT	U/A
48	BRIGHAM YOUNG	342,042	96	BOSTON	U/A
49	CALIFORNIA, SANTA BARBARA	325,836	96	TORONTO	U/A
50	COLORADO STATE	319,764	96	WASHINGTON STATE	U/A
51	RICE	319,698	96	PENNSYLVANIA	U/A
52	MASSACHUSETTS	314,000	96	NOTRE DAME	U/A
53	CALIFORNIA, IRVINE	311,265	96	CHICAGO	U/A
54	SYRACUSE	287,741	96	WATERLOO	U/A

U/A - Unavailable

RANK ORDER TABLE 6:
TOTAL LIBRARY MATERIALS EXPENDITURES

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	$14,979,412	55	ALABAMA	$4,714,384
2	STANFORD	12,783,018	56	BRIGHAM YOUNG	4,692,362
3	YALE	11,911,000	57	IOWA STATE	4,690,403
4	MICHIGAN	11,425,541	58	NORTH CAROLINA STATE	4,673,219
5	CALIFORNIA, BERKELEY	10,391,411	59	KENTUCKY	4,664,007
6	TORONTO	9,716,781	60	FLORIDA STATE	4,635,904
7	CALIFORNIA, LOS ANGELES	9,488,562	61	RICE	4,562,526
8	WASHINGTON	9,264,239	62	NOTRE DAME	4,554,886
9	CORNELL	8,960,279	63	OREGON	4,546,650
10	COLUMBIA	8,921,823	64	HOUSTON	4,529,065
11	PRINCETON	8,728,953	65	DELAWARE	4,517,596
12	INDIANA	8,532,640	66	MISSOURI	4,512,070
13	MINNESOTA	8,455,740	67	HOWARD	4,484,996
14	WISCONSIN	8,122,557	68	ILLINOIS, CHICAGO	4,460,201
15	PENNSYLVANIA STATE	7,803,200	69	MARYLAND	4,316,250
16	VIRGINIA	7,664,609	70	BROWN	4,303,622
17	NORTH CAROLINA	7,591,319	71	PURDUE	4,274,152
18	ILLINOIS, URBANA	7,575,449	72	CALIFORNIA, IRVINE	4,239,690
19	DUKE	7,485,402	73	NEW MEXICO	4,237,283
20	OHIO STATE	7,334,696	74	WESTERN ONTARIO	4,223,301
21	PENNSYLVANIA	7,277,987	75	MCGILL	4,152,638
22	JOHNS HOPKINS	7,251,192	76	TULANE	4,114,610
23	PITTSBURGH	7,241,766	77	DARTMOUTH	4,007,647
24	NEW YORK	7,229,620	78	ROCHESTER	4,002,265
25	CHICAGO	7,139,176	79	CASE WESTERN RESERVE	3,993,396
26	ALBERTA	7,100,177	80	SOUTHERN ILLINOIS	3,976,174
27	RUTGERS	6,900,379	81	LAVAL	3,971,954
28	ARIZONA	6,773,278	82	TEMPLE	3,963,746
29	TEXAS	6,763,054	83	SOUTH CAROLINA	3,953,978
30	ARIZONA STATE	6,702,115	84	NEBRASKA	3,945,746
31	EMORY	6,578,513	85	OKLAHOMA	3,933,736
32	SOUTHERN CALIFORNIA	6,539,453	86	MIT	3,912,593
33	COLORADO	6,486,127	87	COLORADO STATE	3,838,050
34	BRITISH COLUMBIA	6,404,603	88	SUNY-STONY BROOK	3,826,375
35	GEORGIA	6,287,192	89	BOSTON	3,822,624
36	FLORIDA	6,199,018	90	CALIFORNIA, SANTA BARBARA	3,808,441
37	IOWA	6,158,143	91	OKLAHOMA STATE	3,777,445
38	CALIFORNIA, DAVIS	5,959,314	92	YORK	3,731,393
39	NORTHWESTERN	5,884,783	93	MASSACHUSETTS	3,686,380
40	GEORGETOWN	5,688,257	94	QUEEN'S	3,579,930
41	WASHINGTON U.-ST. LOUIS	5,557,566	95	SYRACUSE	3,535,957
42	UTAH	5,515,472	96	HAWAII	3,521,668
43	CALIFORNIA, SAN DIEGO	5,432,434	97	MCMASTER	3,426,876
44	TEXAS A&M	5,172,791	98	AUBURN	3,397,720
45	CINCINNATI	5,171,992	99	SASKATCHEWAN	3,394,727
46	VPI & SU	5,152,375	100	SUNY-ALBANY	3,363,262
47	KANSAS	5,135,253	101	WASHINGTON STATE	3,250,286
48	MICHIGAN STATE	5,068,222	102	GEORGIA TECH	3,248,252
49	MIAMI	5,007,505	103	WATERLOO	3,208,803
50	VANDERBILT	4,932,979	104	LOUISIANA STATE	3,094,789
51	TENNESSEE	4,910,710	105	CALIFORNIA, RIVERSIDE	3,090,772
52	SUNY-BUFFALO	4,795,011	106	MANITOBA	2,583,184
53	CONNECTICUT	4,744,639	107	KENT STATE	2,464,487
54	WAYNE STATE	4,715,203	108	GUELPH	2,391,697

RANK ORDER TABLE 7:
TOTAL SALARIES & WAGES EXPENDITURES

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	$34,235,575	55	COLORADO	$6,340,965
2	STANFORD	19,355,450	56	MIT	6,284,575
3	CALIFORNIA, BERKELEY	18,856,258	57	BRIGHAM YOUNG	6,245,656
4	TORONTO	18,006,514	58	CINCINNATI	6,220,446
5	CALIFORNIA, LOS ANGELES	17,700,118	59	TEXAS A&M	6,203,720
6	YALE	16,874,900	60	YORK	6,184,393
7	RUTGERS	15,092,732	61	MIAMI	6,081,035
8	COLUMBIA	15,082,147	62	VANDERBILT	6,062,156
9	MICHIGAN	14,125,147	63	UTAH	6,039,979
10	WISCONSIN	14,111,916	64	CALIFORNIA, SANTA BARBARA	5,983,841
11	CORNELL	13,467,765	65	BROWN	5,920,028
12	PENNSYLVANIA STATE	12,723,790	66	WESTERN ONTARIO	5,904,349
13	TEXAS	12,621,076	67	TENNESSEE	5,878,390
14	WASHINGTON	12,529,653	68	TEMPLE	5,776,179
15	NEW YORK	12,449,067	69	MASSACHUSETTS	5,760,629
16	MINNESOTA	12,139,577	70	BOSTON	5,648,800
17	PRINCETON	12,080,731	71	SUNY-STONY BROOK	5,535,131
18	ILLINOIS, URBANA	11,670,067	72	MANITOBA	5,517,033
19	INDIANA	10,845,297	73	IOWA STATE	5,412,784
20	BRITISH COLUMBIA	10,772,682	74	SOUTH CAROLINA	5,350,478
21	PENNSYLVANIA	10,360,634	75	NORTH CAROLINA STATE	5,311,106
22	NORTH CAROLINA	10,154,927	76	PURDUE	5,300,563
23	SOUTHERN CALIFORNIA	9,830,076	77	NOTRE DAME	5,196,227
24	OHIO STATE	9,579,031	78	KENT STATE	5,020,200
25	DUKE	9,145,877	79	MISSOURI	5,005,147
26	ALBERTA	8,818,459	80	DELAWARE	4,948,961
27	CHICAGO	8,774,075	81	DARTMOUTH	4,863,296
28	CALIFORNIA, SAN DIEGO	8,735,793	82	QUEEN'S	4,860,156
29	VIRGINIA	8,623,597	83	SYRACUSE	4,821,976
30	PITTSBURGH	8,558,637	84	OREGON	4,782,259
31	ARIZONA STATE	8,234,472	85	ROCHESTER	4,682,785
32	NORTHWESTERN	8,186,601	86	MCMASTER	4,676,836
33	FLORIDA	8,128,968	87	SOUTHERN ILLINOIS	4,673,378
34	ARIZONA	8,095,713	88	NEBRASKA	4,591,525
35	CONNECTICUT	8,012,109	89	WATERLOO	4,516,775
36	MCGILL	7,900,808	90	LOUISIANA STATE	4,504,670
37	NEW MEXICO	7,887,344	91	WASHINGTON STATE	4,473,626
38	JOHNS HOPKINS	7,858,580	92	HOWARD	4,446,899
39	IOWA	7,786,113	93	VPI & SU	4,265,182
40	GEORGETOWN	7,590,059	94	CASE WESTERN RESERVE	4,248,361
41	CALIFORNIA, DAVIS	7,546,462	95	CALIFORNIA, RIVERSIDE	4,085,997
42	CALIFORNIA, IRVINE	7,214,202	96	HOUSTON	4,069,747
43	WASHINGTON U.-ST. LOUIS	7,148,763	97	SUNY-ALBANY	4,027,806
44	MARYLAND	7,131,870	98	TULANE	3,990,355
45	LAVAL	7,116,971	99	AUBURN	3,885,038
46	GEORGIA	6,935,398	100	FLORIDA STATE	3,875,442
47	SUNY-BUFFALO	6,874,774	101	COLORADO STATE	3,847,849
48	HAWAII	6,836,347	102	ALABAMA	3,803,486
49	ILLINOIS, CHICAGO	6,756,986	103	SASKATCHEWAN	3,725,908
50	MICHIGAN STATE	6,729,845	104	GUELPH	3,688,319
51	KENTUCKY	6,682,473	105	OKLAHOMA	3,604,082
52	EMORY	6,673,223	106	RICE	3,099,412
53	KANSAS	6,496,125	107	OKLAHOMA STATE	3,073,124
54	WAYNE STATE	6,358,451	108	GEORGIA TECH	2,891,490

RANK ORDER TABLE 8:
OTHER OPERATING EXPENDITURES

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	$18,215,359	55	BRITISH COLUMBIA	$1,854,568
2	YALE	7,505,100	56	KANSAS	1,852,605
3	CALIFORNIA, LOS ANGELES	7,417,584	57	TENNESSEE	1,844,016
4	STANFORD	6,956,777	58	BRIGHAM YOUNG	1,829,679
5	NEW YORK	4,772,389	59	DARTMOUTH	1,815,387
6	WISCONSIN	4,234,862	60	OKLAHOMA STATE	1,787,197
7	CALIFORNIA, BERKELEY	4,174,257	61	MIT	1,773,475
8	MICHIGAN	4,082,822	62	ALBERTA	1,757,255
9	CORNELL	3,905,671	63	NORTH CAROLINA STATE	1,748,032
10	EMORY	3,776,401	64	FLORIDA	1,685,715
11	PENNSYLVANIA	3,756,981	65	CINCINNATI	1,602,822
12	MINNESOTA	3,676,546	66	BOSTON	1,599,718
13	WASHINGTON	3,638,518	67	GEORGIA	1,547,681
14	COLUMBIA	3,613,446	68	MISSOURI	1,526,931
15	DUKE	3,584,310	69	RUTGERS	1,501,622
16	JOHNS HOPKINS	3,574,688	70	SUNY-BUFFALO	1,469,650
17	TEXAS A&M	3,509,750	71	OREGON	1,433,493
18	NEW MEXICO	3,200,434	72	OKLAHOMA	1,426,198
19	OHIO STATE	3,188,223	73	RICE	1,413,744
20	SOUTHERN CALIFORNIA	3,134,991	74	TORONTO	1,342,257
21	COLORADO	3,043,067	75	PURDUE	1,316,112
22	SOUTH CAROLINA	3,026,084	76	WASHINGTON STATE	1,314,175
23	PENNSYLVANIA STATE	2,925,510	77	LOUISIANA STATE	1,260,668
24	ILLINOIS, URBANA	2,900,875	78	HAWAII	1,258,786
25	PRINCETON	2,900,151	79	TULANE	1,218,243
26	MARYLAND	2,873,723	80	YORK	1,139,522
27	HOUSTON	2,793,288	81	VPI & SU	1,131,892
28	TEXAS	2,761,893	82	KENT STATE	1,127,505
29	CHICAGO	2,734,213	83	SOUTHERN ILLINOIS	1,123,187
30	PITTSBURGH	2,689,644	84	TEMPLE	1,120,205
31	NORTHWESTERN	2,668,567	85	ALABAMA	1,116,360
32	IOWA STATE	2,615,245	86	ROCHESTER	1,112,885
33	BROWN	2,597,513	87	AUBURN	1,093,759
34	VIRGINIA	2,539,692	88	MASSACHUSETTS	1,082,290
35	KENTUCKY	2,516,466	89	MCGILL	1,066,457
36	INDIANA	2,507,100	90	MICHIGAN STATE	1,009,808
37	ARIZONA	2,506,429	91	DELAWARE	1,005,602
38	WASHINGTON U.-ST. LOUIS	2,419,438	92	NEBRASKA	985,861
39	NORTH CAROLINA	2,393,751	93	CASE WESTERN RESERVE	913,975
40	ARIZONA STATE	2,353,257	94	MANITOBA	860,651
41	CALIFORNIA, DAVIS	2,344,016	95	SUNY-ALBANY	821,286
42	SYRACUSE	2,341,863	96	GEORGIA TECH	799,304
43	GEORGETOWN	2,294,042	97	SUNY-STONY BROOK	732,130
44	CALIFORNIA, SAN DIEGO	2,254,462	98	WESTERN ONTARIO	726,448
45	CALIFORNIA, IRVINE	2,157,743	99	LAVAL	664,877
46	CONNECTICUT	2,094,475	100	CALIFORNIA, RIVERSIDE	661,617
47	IOWA	2,069,460	101	COLORADO STATE	642,350
48	CALIFORNIA, SANTA BARBARA	2,058,717	102	FLORIDA STATE	629,858
49	UTAH	2,019,696	103	WATERLOO	621,006
50	ILLINOIS, CHICAGO	2,011,578	104	GUELPH	580,475
51	VANDERBILT	2,011,158	105	MCMASTER	514,450
52	MIAMI	1,992,837	106	HOWARD	512,380
53	NOTRE DAME	1,899,515	107	QUEEN'S	476,757
54	WAYNE STATE	1,888,639	108	SASKATCHEWAN	455,612

RANK ORDER TABLE 9:
TOTAL LIBRARY EXPENDITURES

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	$68,417,472	55	VANDERBILT	$13,171,893
2	STANFORD	39,616,529	56	CINCINNATI	13,125,605
3	YALE	36,723,000	57	WAYNE STATE	13,091,792
4	CALIFORNIA, LOS ANGELES	35,165,206	58	MICHIGAN STATE	13,072,723
5	CALIFORNIA, BERKELEY	34,171,985	59	BROWN	13,029,954
6	MICHIGAN	29,959,778	60	BRIGHAM YOUNG	12,944,597
7	TORONTO	29,328,934	61	IOWA STATE	12,888,831
8	COLUMBIA	28,257,080	62	TENNESSEE	12,763,084
9	WISCONSIN	26,720,142	63	SOUTH CAROLINA	12,500,862
10	CORNELL	26,584,624	64	MIT	12,163,704
11	WASHINGTON	25,765,220	65	CALIFORNIA, SANTA BARBARA	12,096,080
12	NEW YORK	24,879,960	66	HAWAII	11,856,393
13	MINNESOTA	24,746,720	67	NORTH CAROLINA STATE	11,850,782
14	PRINCETON	24,212,986	68	LAVAL	11,835,042
15	PENNSYLVANIA STATE	23,907,299	69	NOTRE DAME	11,767,561
16	RUTGERS	23,728,039	70	HOUSTON	11,473,203
17	TEXAS	22,358,324	71	BOSTON	11,232,608
18	ILLINOIS, URBANA	22,357,366	72	YORK	11,204,921
19	INDIANA	22,167,698	73	MISSOURI	11,142,123
20	PENNSYLVANIA	21,691,144	74	PURDUE	11,009,634
21	DUKE	20,450,617	75	TEMPLE	11,006,688
22	NORTH CAROLINA	20,420,528	76	WESTERN ONTARIO	10,983,203
23	OHIO STATE	20,369,013	77	OREGON	10,903,757
24	SOUTHERN CALIFORNIA	19,723,715	78	DARTMOUTH	10,834,685
25	BRITISH COLUMBIA	19,194,791	79	SYRACUSE	10,789,575
26	VIRGINIA	19,055,013	80	VPI & SU	10,712,160
27	CHICAGO	19,023,479	81	MASSACHUSETTS	10,664,166
28	JOHNS HOPKINS	18,828,056	82	DELAWARE	10,587,563
29	PITTSBURGH	18,817,347	83	SUNY-STONY BROOK	10,211,269
30	ALBERTA	17,761,796	84	SOUTHERN ILLINOIS	9,944,444
31	ARIZONA	17,637,809	85	ROCHESTER	9,911,140
32	ARIZONA STATE	17,488,050	86	ALABAMA	9,757,358
33	EMORY	17,198,062	87	NEBRASKA	9,661,672
34	NORTHWESTERN	16,908,944	88	HOWARD	9,559,412
35	CALIFORNIA, SAN DIEGO	16,721,016	89	TULANE	9,448,539
36	FLORIDA	16,196,622	90	FLORIDA STATE	9,360,165
37	IOWA	16,189,279	91	CASE WESTERN RESERVE	9,270,672
38	COLORADO	16,116,253	92	WASHINGTON STATE	9,133,102
39	CALIFORNIA, DAVIS	16,092,917	93	RICE	9,120,875
40	GEORGETOWN	15,767,477	94	MANITOBA	9,081,580
41	NEW MEXICO	15,484,477	95	OKLAHOMA	9,068,922
42	WASHINGTON U.-ST. LOUIS	15,233,483	96	QUEEN'S	9,053,810
43	CONNECTICUT	15,115,080	97	LOUISIANA STATE	8,879,203
44	GEORGIA	15,048,986	98	OKLAHOMA STATE	8,722,663
45	TEXAS A&M	15,003,095	99	MCMASTER	8,711,368
46	MARYLAND	14,510,075	100	KENT STATE	8,697,610
47	KENTUCKY	13,975,198	101	AUBURN	8,485,071
48	UTAH	13,845,233	102	COLORADO STATE	8,473,249
49	CALIFORNIA, IRVINE	13,787,954	103	WATERLOO	8,432,742
50	KANSAS	13,657,901	104	SUNY-ALBANY	8,290,971
51	ILLINOIS, CHICAGO	13,388,297	105	CALIFORNIA, RIVERSIDE	8,013,599
52	MCGILL	13,299,751	106	SASKATCHEWAN	7,646,012
53	SUNY-BUFFALO	13,297,920	107	GEORGIA TECH	7,014,306
54	MIAMI	13,236,373	108	GUELPH	6,731,876

RANK ORDER TABLE 10:
MONOGRAPHS PURCHASED (VOLUMES)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	CALIFORNIA, LOS ANGELES	138,406	55	MISSOURI	25,695
2	ILLINOIS, URBANA	122,100	56	WASHINGTON U.-ST. LOUIS	25,678
3	TORONTO	116,113	57	MCGILL	25,248
4	YALE	114,095	58	TEMPLE	24,737
5	INDIANA	74,088	59	LAVAL	24,085
6	CHICAGO	70,728	60	MCMASTER	22,856
7	WISCONSIN	68,450	61	TEXAS A&M	22,694
8	VIRGINIA	65,884	62	CINCINNATI	22,414
9	NORTH CAROLINA	63,414	63	BOSTON	22,188
10	CALIFORNIA, SAN DIEGO	63,336	64	SUNY-STONY BROOK	22,164
11	NEW YORK	61,468	65	DARTMOUTH	22,109
12	ARIZONA STATE	60,679	66	WAYNE STATE	21,947
13	SOUTHERN CALIFORNIA	59,486	67	CONNECTICUT	21,855
14	DUKE	55,237	68	OKLAHOMA STATE	21,588
15	BRITISH COLUMBIA	54,805	69	COLORADO STATE	21,387
16	ARIZONA	54,651	70	QUEEN'S	20,904
17	PENNSYLVANIA	54,033	71	ALABAMA	20,704
18	OHIO STATE	50,902	72	WASHINGTON STATE	20,048
19	GEORGIA	46,118	73	SUNY-ALBANY	19,777
20	TEXAS	45,521	74	CALIFORNIA, IRVINE	19,560
21	BRIGHAM YOUNG	45,497	75	ROCHESTER	19,527
22	FLORIDA	44,493	76	SOUTHERN ILLINOIS	19,474
23	WASHINGTON	42,604	77	VPI & SU	18,693
24	KANSAS	41,797	78	WATERLOO	18,655
25	JOHNS HOPKINS	41,027	79	PURDUE	17,959
26	COLORADO	40,657	80	SYRACUSE	17,751
27	IOWA	40,322	81	NEBRASKA	17,614
28	TENNESSEE	39,602	82	OKLAHOMA	17,539
29	SOUTH CAROLINA	37,328	83	KENTUCKY	17,223
30	HAWAII	36,573	84	MIT	16,204
31	YORK	35,976	85	GUELPH	15,406
32	RICE	34,211	86	HOWARD	14,688
33	NORTH CAROLINA STATE	34,138	87	MANITOBA	14,432
34	MICHIGAN STATE	33,981	88	SASKATCHEWAN	14,002
35	MIAMI	33,528	89	GEORGIA TECH	13,959
36	DELAWARE	33,332	90	CASE WESTERN RESERVE	13,163
37	MARYLAND	32,800	91	KENT STATE	12,136
38	OREGON	32,070	92	LOUISIANA STATE	11,048
39	WESTERN ONTARIO	31,962	93	STANFORD	U/A
40	GEORGETOWN	31,205	93	HARVARD	U/A
41	NEW MEXICO	30,214	93	CALIFORNIA, BERKELEY	U/A
42	MASSACHUSETTS	29,987	93	PRINCETON	U/A
43	BROWN	29,700	93	MICHIGAN	U/A
44	HOUSTON	29,392	93	COLUMBIA	U/A
45	NOTRE DAME	29,345	93	CORNELL	U/A
46	TULANE	28,173	93	EMORY	U/A
47	RUTGERS	28,020	93	MINNESOTA	U/A
48	AUBURN	27,387	93	PENNSYLVANIA STATE	U/A
49	ILLINOIS, CHICAGO	27,206	93	PITTSBURGH	U/A
50	SUNY-BUFFALO	27,066	93	CALIFORNIA, DAVIS	U/A
51	ALBERTA	26,502	93	UTAH	U/A
52	CALIFORNIA, SANTA BARBARA	26,261	93	NORTHWESTERN	U/A
53	IOWA STATE	25,831	93	VANDERBILT	U/A
54	CALIFORNIA, RIVERSIDE	25,719	93	FLORIDA STATE	U/A

U/A - Unavailable

RANK ORDER TABLE 11:
EXPENDITURES FOR MONOGRAPHS

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	STANFORD	$6,857,985	55	TENNESSEE	$1,364,516
2	HARVARD	6,812,121	56	CINCINNATI	1,352,611
3	CALIFORNIA, BERKELEY	4,820,509	57	NORTH CAROLINA STATE	1,343,398
4	CALIFORNIA, LOS ANGELES	4,626,820	58	HOUSTON	1,332,179
5	TORONTO	4,474,315	59	SOUTH CAROLINA	1,298,460
6	PRINCETON	4,076,055	60	SUNY-BUFFALO	1,265,703
7	MICHIGAN	4,027,084	61	TEXAS A&M	1,257,768
8	COLUMBIA	3,642,035	62	FLORIDA STATE	1,240,301
9	YALE	3,511,000	63	TULANE	1,231,673
10	CORNELL	3,160,831	64	MISSOURI	1,210,802
11	CHICAGO	3,130,534	65	WESTERN ONTARIO	1,204,775
12	WASHINGTON	2,886,352	66	DARTMOUTH	1,204,213
13	ILLINOIS, URBANA	2,816,353	67	YORK	1,202,130
14	INDIANA	2,789,650	68	AUBURN	1,200,679
15	DUKE	2,785,624	69	CALIFORNIA, RIVERSIDE	1,189,320
16	NEW YORK	2,628,655	70	ILLINOIS, CHICAGO	1,179,997
17	BRITISH COLUMBIA	2,603,206	71	MCGILL	1,179,924
18	EMORY	2,600,277	72	HAWAII	1,169,329
19	PENNSYLVANIA	2,580,008	73	TEMPLE	1,156,318
20	WISCONSIN	2,547,877	74	WASHINGTON U.-ST. LOUIS	1,122,620
21	ARIZONA STATE	2,524,034	75	NEW MEXICO	1,122,473
22	NORTH CAROLINA	2,512,574	76	MASSACHUSETTS	1,102,541
23	VIRGINIA	2,472,529	77	CALIFORNIA, SANTA BARBARA	1,046,390
24	MINNESOTA	2,400,963	78	COLORADO STATE	1,040,583
25	PENNSYLVANIA STATE	2,344,870	79	SUNY-STONY BROOK	1,031,795
26	PITTSBURGH	2,297,156	80	WATERLOO	1,031,235
27	OHIO STATE	2,289,620	81	QUEEN'S	1,030,985
28	ARIZONA	2,271,056	82	MCMASTER	994,185
29	SOUTHERN CALIFORNIA	2,245,862	83	VPI & SU	991,350
30	JOHNS HOPKINS	2,210,214	84	MIAMI	974,562
31	TEXAS	2,163,527	85	CALIFORNIA, IRVINE	930,295
32	CALIFORNIA, DAVIS	2,158,763	86	ROCHESTER	913,716
33	CALIFORNIA, SAN DIEGO	2,125,391	87	OKLAHOMA STATE	-861,151
34	ALBERTA	2,098,446	88	ALABAMA	849,983
35	UTAH	2,057,830	89	NEBRASKA	836,958
36	DELAWARE	2,031,148	90	GEORGIA TECH	836,240
37	GEORGIA	1,978,176	91	LAVAL	824,828
38	IOWA	1,947,605	92	PURDUE	813,049
39	KANSAS	1,907,306	93	MIT	810,847
40	MICHIGAN STATE	1,824,967	94	BOSTON	807,916
41	BROWN	1,760,573	95	SUNY-ALBANY	792,524
42	NORTHWESTERN	1,749,385	96	SOUTHERN ILLINOIS	788,497
43	NOTRE DAME	1,684,199	97	GUELPH	781,780
44	BRIGHAM YOUNG	1,629,379	98	OKLAHOMA	772,111
45	FLORIDA	1,611,199	99	CONNECTICUT	760,150
46	RICE	1,605,393	100	KENTUCKY	758,871
47	MARYLAND	1,570,230	101	CASE WESTERN RESERVE	755,797
48	GEORGETOWN	1,557,584	102	KENT STATE	740,376
49	WAYNE STATE	1,426,157	103	WASHINGTON STATE	696,997
50	OREGON	1,424,639	104	SYRACUSE	695,490
51	RUTGERS	1,397,097	105	SASKATCHEWAN	695,299
52	COLORADO	1,375,934	106	MANITOBA	683,180
53	IOWA STATE	1,367,578	107	LOUISIANA STATE	617,998
54	VANDERBILT	1,365,575	108	HOWARD	510,994

RANK ORDER TABLE 12:
CURRENT SERIALS PURCHASED (SUBSCRIPTIONS)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	COLUMBIA	37,746	55	WESTERN ONTARIO	12,279
2	WASHINGTON	37,028	56	OKLAHOMA STATE	12,253
3	MICHIGAN	35,958	57	MCGILL	12,238
4	MINNESOTA	34,094	58	NEW MEXICO	12,167
5	WISCONSIN	33,997	59	LOUISIANA STATE	11,853
6	TORONTO	31,770	60	CASE WESTERN RESERVE	11,797
7	PRINCETON	30,199	61	TEMPLE	11,216
8	NEW YORK	28,164	62	CALIFORNIA, SANTA BARBARA	10,976
9	INDIANA	27,985	63	HOWARD	10,688
10	TEXAS	27,416	64	MASSACHUSETTS	10,639
11	OHIO STATE	24,804	65	BROWN	10,230
12	GEORGETOWN	24,442	66	MCMASTER	9,983
13	VIRGINIA	23,628	67	ALABAMA	9,927
14	HAWAII	22,322	68	ROCHESTER	9,458
15	NORTH CAROLINA	22,193	69	BRIGHAM YOUNG	9,434
16	PENNSYLVANIA STATE	21,884	70	MANITOBA	9,230
17	ARIZONA STATE	21,546	71	MIT	9,027
18	ARIZONA	21,405	72	RICE	8,893
19	ALBERTA	20,224	73	COLORADO STATE	8,856
20	IOWA	19,291	74	NORTH CAROLINA STATE	8,830
21	WASHINGTON U.-ST. LOUIS	18,852	75	SASKATCHEWAN	8,533
22	FLORIDA	18,800	76	SUNY-STONY BROOK	8,206
23	KANSAS	18,570	77	AUBURN	8,045
24	COLORADO	18,161	78	KENT STATE	7,830
25	CONNECTICUT	17,425	79	CALIFORNIA, RIVERSIDE	7,420
26	BOSTON	17,380	80	GUELPH	7,351
27	SUNY-BUFFALO	17,276	81	GEORGIA TECH	6,130
28	EMORY	16,863	82	HARVARD	U/A
29	DARTMOUTH	16,773	82	STANFORD	U/A
30	OKLAHOMA	16,657	82	CALIFORNIA, BERKELEY	U/A
31	CALIFORNIA, SAN DIEGO	16,407	82	CORNELL	U/A
32	WAYNE STATE	16,335	82	YALE	U/A
33	VANDERBILT	16,276	82	RUTGERS	U/A
34	TENNESSEE	16,103	82	ILLINOIS, URBANA	U/A
35	MIAMI	15,837	82	CALIFORNIA, LOS ANGELES	U/A
36	JOHNS HOPKINS	15,614	82	DUKE	U/A
37	BRITISH COLUMBIA	15,216	82	PITTSBURGH	U/A
38	SOUTHERN ILLINOIS	15,142	82	SOUTHERN CALIFORNIA	U/A
39	ILLINOIS, CHICAGO	15,085	82	CHICAGO	U/A
40	MARYLAND	14,942	82	PENNSYLVANIA	U/A
41	SYRACUSE	14,659	82	GEORGIA	U/A
42	IOWA STATE	14,540	82	NORTHWESTERN	U/A
43	HOUSTON	14,364	82	CINCINNATI	U/A
44	TEXAS A&M	14,099	82	MISSOURI	U/A
45	KENTUCKY	14,098	82	CALIFORNIA, DAVIS	U/A
46	MICHIGAN STATE	13,420	82	FLORIDA STATE	U/A
47	UTAH	13,289	82	CALIFORNIA, IRVINE	U/A
48	DELAWARE	12,850	82	WASHINGTON STATE	U/A
49	VPI & SU	12,813	82	NOTRE DAME	U/A
50	LAVAL	12,595	82	TULANE	U/A
51	NEBRASKA	12,523	82	SOUTH CAROLINA	U/A
52	PURDUE	12,370	82	YORK	U/A
53	QUEEN'S	12,284	82	WATERLOO	U/A
54	OREGON	12,282	82	SUNY-ALBANY	U/A

U/A - Unavailable

RANK ORDER TABLE 13:
EXPENDITURES FOR CURRENT SERIALS

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	MICHIGAN	$6,643,092	55	PRINCETON	$3,101,297
2	HARVARD	6,385,130	56	VPI & SU	3,087,567
3	WASHINGTON	6,377,887	57	CALIFORNIA, SAN DIEGO	3,068,910
4	STANFORD	5,925,033	58	ILLINOIS, CHICAGO	3,062,726
5	CALIFORNIA, BERKELEY	5,570,902	59	LAVAL	3,059,818
6	MINNESOTA	5,327,055	60	KANSAS	3,050,436
7	COLUMBIA	5,279,788	61	WESTERN ONTARIO	3,018,526
8	TORONTO	5,242,466	62	OKLAHOMA	2,910,177
9	ALBERTA	4,905,507	63	WAYNE STATE	2,888,156
10	OHIO STATE	4,810,664	64	NEBRASKA	2,877,078
11	PENNSYLVANIA STATE	4,793,448	65	NORTH CAROLINA STATE	2,848,005
12	CORNELL	4,741,247	66	BOSTON	2,841,590
13	WISCONSIN	4,647,713	67	SUNY-BUFFALO	2,838,283
14	YALE	4,605,000	68	ROCHESTER	2,838,264
15	RUTGERS	4,574,152	69	IOWA STATE	2,794,658
16	ILLINOIS, URBANA	4,423,556	70	CALIFORNIA, IRVINE	2,775,366
17	CALIFORNIA, LOS ANGELES	4,372,088	71	SOUTHERN ILLINOIS	2,753,284
18	DUKE	4,339,966	72	TEMPLE	2,741,647
19	PITTSBURGH	4,295,432	73	NEW MEXICO	2,722,655
20	COLORADO	4,065,724	74	BRIGHAM YOUNG	2,707,646
21	NEW YORK	4,004,430	75	SASKATCHEWAN	2,683,138
22	VIRGINIA	4,003,207	76	CALIFORNIA, SANTA BARBARA	2,607,725
23	SOUTHERN CALIFORNIA	3,991,055	77	OREGON	2,595,039
24	NORTH CAROLINA	3,981,696	78	MARYLAND	2,586,524
25	CHICAGO	3,953,516	79	QUEEN'S	2,529,784
26	INDIANA	3,883,535	80	MIT	2,506,913
27	TEXAS	3,848,552	81	DARTMOUTH	2,499,261
28	PENNSYLVANIA	3,843,116	82	MCGILL	2,494,016
29	ALABAMA	3,807,389	83	WASHINGTON STATE	2,489,084
30	BRITISH COLUMBIA	3,801,396	84	DELAWARE	2,486,448
31	WASHINGTON U.-ST. LOUIS	3,746,912	85	LOUISIANA STATE	2,462,368
32	MIAMI	3,641,490	86	HOUSTON	2,445,041
33	GEORGIA	3,566,919	87	COLORADO STATE	2,435,688
34	NORTHWESTERN	3,528,263	88	BROWN	2,423,049
35	ARIZONA STATE	3,526,618	89	HOWARD	2,422,586
36	CINCINNATI	3,517,474	90	SYRACUSE	2,419,116
37	GEORGETOWN	3,504,679	91	MCMASTER	2,406,922
38	PURDUE	3,461,103	92	RICE	2,376,755
39	TENNESSEE	3,452,756	93	NOTRE DAME	2,352,689
40	FLORIDA	3,433,955	94	MASSACHUSETTS	2,344,313
41	EMORY	3,397,958	95	TULANE	2,329,345
42	CONNECTICUT	3,369,797	96	GEORGIA TECH	2,239,764
43	UTAH	3,345,540	97	SUNY-STONY BROOK	2,235,389
44	ARIZONA	3,331,821	98	OKLAHOMA STATE	2,210,141
45	JOHNS HOPKINS	3,305,142	99	SOUTH CAROLINA	2,189,366
46	KENTUCKY	3,279,406	100	AUBURN	2,128,030
47	VANDERBILT	3,267,397	101	YORK	2,052,523
48	MISSOURI	3,260,701	102	HAWAII	2,027,218
49	CALIFORNIA, DAVIS	3,205,280	103	WATERLOO	1,996,332
50	CASE WESTERN RESERVE	3,190,925	104	SUNY-ALBANY	1,941,611
51	TEXAS A&M	3,166,949	105	CALIFORNIA, RIVERSIDE	1,864,535
52	MICHIGAN STATE	3,162,737	106	MANITOBA	1,849,343
53	FLORIDA STATE	3,133,885	107	KENT STATE	1,643,670
54	IOWA	3,128,181	108	GUELPH	1,597,381

RANK ORDER TABLE 14:
TOTAL ITEMS LOANED

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	MINNESOTA	248,741	55	MARYLAND	24,864
2	WISCONSIN	98,475	56	LAVAL	24,787
3	CALIFORNIA, LOS ANGELES	94,694	57	IOWA STATE	24,627
4	ILLINOIS, CHICAGO	93,355	58	NORTH CAROLINA STATE	24,144
5	WASHINGTON	81,392	59	PENNSYLVANIA	23,793
6	ALBERTA	71,411	60	MICHIGAN STATE	23,769
7	HARVARD	69,661	61	OREGON	23,644
8	ILLINOIS, URBANA	67,752	62	HOUSTON	23,372
9	INDIANA	63,784	63	EMORY	23,211
10	CALIFORNIA, BERKELEY	63,017	64	ARIZONA STATE	22,920
11	FLORIDA	61,965	65	MANITOBA	22,165
12	CASE WESTERN RESERVE	59,727	66	MCGILL	22,158
13	CINCINNATI	55,831	67	OKLAHOMA STATE	22,079
14	IOWA	55,110	68	CALIFORNIA, IRVINE	20,984
15	MICHIGAN	54,846	69	KENT STATE	20,715
16	DUKE	49,905	70	RUTGERS	20,464
17	WASHINGTON U.-ST. LOUIS	48,314	71	CORNELL	20,350
18	PITTSBURGH	48,231	72	MIT	20,267
19	VIRGINIA	46,276	73	SUNY-ALBANY	20,190
20	WAYNE STATE	46,099	74	AUBURN	19,473
21	NORTH CAROLINA	45,312	75	TENNESSEE	19,233
22	BRITISH COLUMBIA	45,239	76	PRINCETON	19,042
23	TEXAS A&M	45,079	77	MCMASTER	18,749
24	KANSAS	43,042	78	YORK	18,537
25	CHICAGO	42,671	79	MASSACHUSETTS	18,343
26	CONNECTICUT	42,015	80	STANFORD	18,209
27	SUNY-BUFFALO	40,939	81	NOTRE DAME	17,595
28	CALIFORNIA, DAVIS	40,840	82	NEW YORK	17,137
29	MISSOURI	36,900	83	HAWAII	16,153
30	FLORIDA STATE	36,583	84	VANDERBILT	15,930
31	MIAMI	36,453	85	BOSTON	15,765
32	PENNSYLVANIA STATE	36,413	86	DARTMOUTH	15,439
33	SUNY-STONY BROOK	36,302	87	YALE	14,843
34	ARIZONA	36,052	88	ALABAMA	14,749
35	SOUTHERN ILLINOIS	34,626	89	SOUTH CAROLINA	14,659
36	GEORGIA	34,544	90	GEORGETOWN	14,296
37	TEXAS	34,344	91	LOUISIANA STATE	13,345
38	COLORADO	34,257	92	SYRACUSE	13,143
39	KENTUCKY	33,782	93	SOUTHERN CALIFORNIA	13,066
40	OHIO STATE	33,285	94	TULANE	12,918
41	COLUMBIA	31,411	95	NEBRASKA	12,661
42	NORTHWESTERN	30,962	96	BROWN	12,288
43	OKLAHOMA	30,547	97	DELAWARE	12,120
44	VPI & SU	29,579	98	GEORGIA TECH	11,967
45	NEW MEXICO	29,507	99	CALIFORNIA, RIVERSIDE	11,896
46	UTAH	29,497	100	WESTERN ONTARIO	11,324
47	CALIFORNIA, SAN DIEGO	29,275	101	TEMPLE	11,067
48	WASHINGTON STATE	29,061	102	CALIFORNIA, SANTA BARBARA	10,967
49	PURDUE	28,962	103	SASKATCHEWAN	9,306
50	COLORADO STATE	28,771	104	WATERLOO	8,833
51	ROCHESTER	28,366	105	QUEEN'S	6,829
52	JOHNS HOPKINS	27,253	106	RICE	6,766
53	BRIGHAM YOUNG	26,236	107	GUELPH	3,210
54	TORONTO	25,539	108	HOWARD	1,988

RANK ORDER TABLE 15:
TOTAL ITEMS BORROWED

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	ILLINOIS, CHICAGO	74,598	55	LAVAL	14,334
2	ILLINOIS, URBANA	56,838	56	YALE	14,310
3	CINCINNATI	35,638	57	MIAMI	14,186
4	INDIANA	33,468	58	VPI & SU	14,041
5	PENNSYLVANIA	28,556	59	DARTMOUTH	13,938
6	OHIO STATE	27,627	60	MICHIGAN STATE	13,913
7	KENT STATE	27,057	61	FLORIDA STATE	13,840
8	ALBERTA	26,951	62	ROCHESTER	13,623
9	VIRGINIA	26,765	63	SOUTHERN CALIFORNIA	13,618
10	MICHIGAN	26,368	64	SUNY-ALBANY	13,360
11	WASHINGTON U.-ST. LOUIS	26,155	65	UTAH	13,342
12	TEXAS	25,347	66	COLORADO	13,191
13	KENTUCKY	25,182	67	SUNY-BUFFALO	13,174
14	TEXAS A&M	25,106	68	MCMASTER	13,014
15	CALIFORNIA, SAN DIEGO	24,721	69	VANDERBILT	12,807
16	CALIFORNIA, IRVINE	24,638	70	MARYLAND	12,436
17	WISCONSIN	24,604	71	FLORIDA	12,412
18	NORTHWESTERN	24,528	72	OKLAHOMA STATE	12,182
19	NEW MEXICO	24,402	73	WAYNE STATE	12,008
20	TENNESSEE	24,271	74	DELAWARE	11,910
21	CASE WESTERN RESERVE	23,411	75	LOUISIANA STATE	11,441
22	COLORADO STATE	22,639	76	TULANE	11,355
23	KANSAS	22,501	77	TEMPLE	11,253
24	CALIFORNIA, BERKELEY	21,352	78	OREGON	11,230
25	JOHNS HOPKINS	20,502	79	IOWA STATE	11,172
26	NEW YORK	20,437	80	QUEEN'S	10,654
27	CALIFORNIA, SANTA BARBARA	20,286	81	ALABAMA	10,517
28	SOUTH CAROLINA	19,690	82	NOTRE DAME	10,506
29	NEBRASKA	19,458	83	MANITOBA	10,403
30	HARVARD	18,718	84	SASKATCHEWAN	10,184
31	CONNECTICUT	18,658	85	SUNY-STONY BROOK	10,048
32	CHICAGO	18,657	86	WASHINGTON	10,006
33	BRIGHAM YOUNG	18,568	87	PRINCETON	9,895
34	RUTGERS	18,310	88	MCGILL	9,763
35	PENNSYLVANIA STATE	18,297	89	MASSACHUSETTS	9,428
36	ARIZONA STATE	18,273	90	SYRACUSE	9,413
37	SOUTHERN ILLINOIS	17,700	91	TORONTO	9,365
38	CALIFORNIA, RIVERSIDE	17,401	92	NORTH CAROLINA	9,275
39	MISSOURI	17,014	93	STANFORD	9,133
40	IOWA	16,985	94	GEORGIA	9,089
41	COLUMBIA	16,937	95	EMORY	9,088
42	HOUSTON	16,927	96	MIT	7,807
43	OKLAHOMA	16,525	97	GEORGETOWN	7,714
44	BRITISH COLUMBIA	16,291	98	WASHINGTON STATE	7,408
45	CORNELL	16,098	99	HAWAII	7,192
46	BROWN	16,092	100	NORTH CAROLINA STATE	7,108
47	ARIZONA	15,662	101	WATERLOO	6,186
48	PURDUE	15,454	102	RICE	4,904
49	CALIFORNIA, LOS ANGELES	15,451	103	YORK	4,387
50	MINNESOTA	15,254	104	AUBURN	4,112
51	DUKE	15,002	105	GUELPH	4,065
52	CALIFORNIA, DAVIS	14,522	106	WESTERN ONTARIO	3,616
53	BOSTON	14,521	107	GEORGIA TECH	3,277
54	PITTSBURGH	14,472	108	HOWARD	1,702

RANK ORDER TABLE 16:
PROFESSIONAL STAFF (FTE)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	402	54	MIAMI	73
2	YALE	193	56	TEMPLE	72
3	CALIFORNIA, BERKELEY	178	57	SYRACUSE	71
4	COLUMBIA	177	58	UTAH	70
5	STANFORD	163	59	CALIFORNIA, SAN DIEGO	69
6	ILLINOIS, URBANA	155	60	LAVAL	67
6	WISCONSIN	155	61	CONNECTICUT	66
8	TORONTO	154	61	NORTH CAROLINA STATE	66
8	NEW YORK	154	63	PURDUE	65
10	MICHIGAN	144	63	TENNESSEE	65
11	TEXAS	141	65	BOSTON	63
12	INDIANA	137	65	COLORADO	63
13	WASHINGTON	131	67	ROCHESTER	62
14	CORNELL	130	68	CASE WESTERN RESERVE	61
15	CALIFORNIA, LOS ANGELES	126	69	HAWAII	60
16	PENNSYLVANIA STATE	120	69	ALABAMA	60
16	NORTH CAROLINA	120	71	MICHIGAN STATE	58
18	PRINCETON	119	72	MISSOURI	57
19	NORTHWESTERN	110	73	FLORIDA STATE	56
20	FLORIDA	109	73	CALIFORNIA, IRVINE	56
20	SOUTHERN CALIFORNIA	109	75	TULANE	55
22	RUTGERS	108	76	OREGON	54
23	DUKE	107	77	NEBRASKA	53
24	PENNSYLVANIA	106	77	MANITOBA	53
24	PITTSBURGH	106	77	HOWARD	53
26	BRITISH COLUMBIA	104	80	CALIFORNIA, DAVIS	52
26	OHIO STATE	104	80	KENT STATE	52
28	BRIGHAM YOUNG	103	80	GEORGIA TECH	52
29	MINNESOTA	102	80	OKLAHOMA	52
30	ARIZONA STATE	100	80	DELAWARE	52
31	KENTUCKY	96	85	AUBURN	51
32	KANSAS	95	85	DARTMOUTH	51
32	SUNY-BUFFALO	95	85	OKLAHOMA STATE	51
34	IOWA	93	85	YORK	51
35	GEORGETOWN	92	85	MASSACHUSETTS	51
36	VIRGINIA	91	85	LOUISIANA STATE	51
36	MARYLAND	91	91	CALIFORNIA, SANTA BARBARA	50
38	JOHNS HOPKINS	87	92	IOWA STATE	48
39	VANDERBILT	86	92	SUNY-ALBANY	48
40	TEXAS A&M	85	94	NOTRE DAME	47
41	MIT	84	95	WESTERN ONTARIO	46
42	ARIZONA	83	95	HOUSTON	46
42	NEW MEXICO	83	97	QUEEN'S	45
44	GEORGIA	82	97	RICE	45
44	BROWN	82	99	SOUTHERN ILLINOIS	43
44	EMORY	82	99	SUNY-STONY BROOK	43
47	ILLINOIS, CHICAGO	81	101	SASKATCHEWAN	42
48	MCGILL	80	101	WATERLOO	42
48	WAYNE STATE	80	103	VPI & SU	41
50	WASHINGTON U.-ST. LOUIS	78	104	COLORADO STATE	38
51	ALBERTA	76	104	WASHINGTON STATE	38
52	CHICAGO	74	106	CALIFORNIA, RIVERSIDE	36
52	CINCINNATI	74	107	MCMASTER	34
54	SOUTH CAROLINA	73	108	GUELPH	25

RANK ORDER TABLE 17:
SUPPORT STAFF (FTE)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	589	55	CALIFORNIA, SANTA BARBARA	135
2	TEXAS	382	56	MIAMI	134
3	TORONTO	373	56	MISSOURI	134
4	PENNSYLVANIA STATE	346	58	BOSTON	132
5	YALE	321	59	SYRACUSE	127
6	CORNELL	302	60	MARYLAND	125
7	CALIFORNIA, LOS ANGELES	295	61	COLORADO	124
8	STANFORD	290	61	FLORIDA STATE	124
9	MICHIGAN	288	63	IOWA	123
10	COLUMBIA	274	63	GEORGETOWN	123
11	CALIFORNIA, BERKELEY	264	65	KANSAS	120
12	BRITISH COLUMBIA	252	65	NORTH CAROLINA STATE	120
13	ILLINOIS, URBANA	243	65	SASKATCHEWAN	120
14	RUTGERS	238	68	MIT	118
15	ALBERTA	229	68	CINCINNATI	118
16	WASHINGTON	226	70	NEBRASKA	117
17	PRINCETON	219	71	KENTUCKY	116
18	WISCONSIN	218	71	WATERLOO	116
19	NORTH CAROLINA	210	73	SOUTH CAROLINA	115
20	PITTSBURGH	208	74	GUELPH	114
21	ARIZONA STATE	205	75	DELAWARE	113
22	NEW YORK	204	75	IOWA STATE	113
22	FLORIDA	204	77	CONNECTICUT	112
24	VIRGINIA	194	77	MICHIGAN STATE	112
25	CHICAGO	193	79	TEMPLE	108
26	MINNESOTA	192	79	LOUISIANA STATE	108
27	LAVAL	191	81	DARTMOUTH	105
28	INDIANA	190	82	HAWAII	102
29	MCGILL	188	82	VPI & SU	102
30	PENNSYLVANIA	184	84	WAYNE STATE	101
31	GEORGIA	183	85	AUBURN	99
32	CALIFORNIA, DAVIS	181	86	HOUSTON	98
33	OHIO STATE	180	87	BROWN	97
34	CALIFORNIA, SAN DIEGO	177	87	HOWARD	97
35	ARIZONA	175	89	SOUTHERN ILLINOIS	95
36	DUKE	172	90	KENT STATE	94
36	JOHNS HOPKINS	172	91	CALIFORNIA, IRVINE	93
38	WESTERN ONTARIO	171	91	SUNY-STONY BROOK	93
39	NEW MEXICO	169	91	WASHINGTON STATE	93
40	ILLINOIS, CHICAGO	161	94	SUNY-BUFFALO	92
40	UTAH	161	94	ROCHESTER	92
42	WASHINGTON U.-ST. LOUIS	154	94	OREGON	92
43	EMORY	148	97	TULANE	90
44	TEXAS A&M	145	98	MASSACHUSETTS	89
44	PURDUE	145	99	CASE WESTERN RESERVE	81
46	NOTRE DAME	141	99	ALABAMA	81
47	NORTHWESTERN	139	101	SUNY-ALBANY	80
47	VANDERBILT	139	101	CALIFORNIA, RIVERSIDE	80
47	TENNESSEE	139	103	OKLAHOMA	76
50	YORK	137	104	COLORADO STATE	75
50	QUEEN'S	137	105	OKLAHOMA STATE	66
52	SOUTHERN CALIFORNIA	136	106	GEORGIA TECH	62
52	MANITOBA	136	107	RICE	60
52	MCMASTER	136	108	BRIGHAM YOUNG	53

RANK ORDER TABLE 18:
TOTAL STAFF (FTE)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	1,116	55	TENNESSEE	267
2	CALIFORNIA, BERKELEY	664	56	LAVAL	266
3	TORONTO	612	57	WAYNE STATE	260
4	YALE	611	58	MIAMI	256
5	TEXAS	605	58	CONNECTICUT	256
6	CALIFORNIA, LOS ANGELES	602	60	COLORADO	255
7	MICHIGAN	593	60	SUNY-BUFFALO	255
8	CORNELL	587	62	BROWN	252
9	COLUMBIA	572	63	BOSTON	251
10	PENNSYLVANIA STATE	545	64	CALIFORNIA, IRVINE	249
11	STANFORD	544	65	SYRACUSE	245
12	WISCONSIN	539	65	NORTH CAROLINA STATE	245
13	ILLINOIS, URBANA	520	65	SOUTH CAROLINA	245
14	WASHINGTON	483	68	MISSOURI	241
15	NEW YORK	482	69	YORK	239
16	INDIANA	479	70	WESTERN ONTARIO	235
17	RUTGERS	451	71	HAWAII	232
18	MINNESOTA	441	72	TEMPLE	231
19	NORTH CAROLINA	424	73	CALIFORNIA, SANTA BARBARA	230
20	OHIO STATE	418	73	FLORIDA STATE	230
21	PITTSBURGH	416	73	KENT STATE	230
22	BRITISH COLUMBIA	410	76	SOUTHERN ILLINOIS	229
23	NORTHWESTERN	400	77	MIT	227
24	FLORIDA	396	78	IOWA STATE	221
25	PRINCETON	395	79	OREGON	220
26	PENNSYLVANIA	379	80	NEBRASKA	219
27	ARIZONA STATE	367	80	DELAWARE	219
28	VIRGINIA	359	82	LOUISIANA STATE	217
29	NEW MEXICO	353	83	MANITOBA	216
30	SOUTHERN CALIFORNIA	352	83	HOUSTON	216
31	GEORGIA	347	85	NOTRE DAME	212
32	ARIZONA	346	86	ROCHESTER	210
33	CHICAGO	345	87	VPI & SU	206
34	ALBERTA	340	88	QUEEN'S	202
35	DUKE	337	89	TULANE	194
36	MARYLAND	336	90	AUBURN	193
37	KENTUCKY	323	90	ALABAMA	193
38	CALIFORNIA, SAN DIEGO	320	92	SUNY-STONY BROOK	187
39	UTAH	316	93	MCMASTER	186
39	TEXAS A&M	316	93	OKLAHOMA	186
41	MCGILL	315	95	DARTMOUTH	184
42	KANSAS	303	95	OKLAHOMA STATE	184
43	JOHNS HOPKINS	302	97	CASE WESTERN RESERVE	183
44	VANDERBILT	298	98	MASSACHUSETTS	182
44	IOWA	298	99	WATERLOO	179
44	BRIGHAM YOUNG	298	100	SUNY-ALBANY	178
47	CALIFORNIA, DAVIS	294	101	SASKATCHEWAN	172
48	WASHINGTON U.-ST. LOUIS	290	101	WASHINGTON STATE	172
49	ILLINOIS, CHICAGO	283	103	CALIFORNIA, RIVERSIDE	168
50	CINCINNATI	280	104	HOWARD	166
51	GEORGETOWN	276	105	COLORADO STATE	163
52	MICHIGAN STATE	275	106	GUELPH	148
53	EMORY	274	107	GEORGIA TECH	120
54	PURDUE	268	108	RICE	119

ARL Statistics Survey 1994-95

Questionnaire and Instructions

ARL STATISTICS, 1994-95
Instructions for Completing the Questionnaire

General Instructions

Please enter your data on the ARL Statistics diskette, if possible. The printed copy of the questionnaire is a worksheet provided for your convenience. Be sure to read the "ARL Statistics Diskette Documentation" as well as these Instructions before beginning to input data.

Definitions of the statistical categories used in this questionnaire can be found in *American National Standard for Library and Information Sciences and Related Publishing Practices - Library Statistics. Z39.7-1983.* (New York, American National Standards Institute, 1983.)

The questionnaire assumes a fiscal year ending June 30, 1995. If your fiscal year is different, please provide a footnote in the "Footnotes" section of the questionnaire.

Please do not use decimals. All figures should be rounded to the nearest whole number.

Please do not leave any lines blank. If an exact figure is unavailable, use **-1**, i.e. "U/A". If a question is not applicable to your library, use **-2**, i.e. "N/A". If the appropriate answer is zero or none, use **0**.

In a university that includes both main and branch campuses, an effort should be made to report figures for the main campus only. (The U.S. National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS) defines a **branch campus** as one "located in a community different from that of its parent institution ... beyond a reasonable commuting distance from the main campus ... The educational activities at the location must be organized on a relatively permanent basis ... and include course offerings for one or more complete college-level programs of at least one full year.") If figures for libraries located on branch campuses are reported, please explain in the "Footnotes" section of the questionnaire.

A **branch library** is defined as an auxiliary library service outlet with quarters separate from the central library of a system, which has a basic collection of books and other materials, a regular staffing level, and an established schedule. A branch library is administered either by the central library or (as in the case of some law and medical libraries) through the administrative structure of other units within the university. Departmental study/reading rooms are not included.

Specific Instructions

Questions 1-4. Collections. Use the ANSI Z39.7-1983 definition for **volume** as follows:

> *a physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, contained in one binding or portfolio, hardbound or paperbound, that has been cataloged, classified, and made ready for use.*

Include duplicates and bound volumes of periodicals. For purposes of this questionnaire, unclassified bound serials arranged in alphabetical order are considered classified. Exclude microforms, maps, nonprint materials, and uncataloged items. If any of these items cannot be excluded, please provide an explanatory footnote in the "Footnotes" section of the questionnaire.

Include government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs. Documents should, to the extent possible, be counted as they would if they were in

bound volumes (e.g., 12 issues of an annual serial would be one or two volumes). Title and piece counts should not be considered the same as volume counts. If a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae:

52 documents pieces per foot
10 "traditional" volumes per foot
5.2 documents pieces per volume

If either formulas or sampling are used for deriving your count, please indicate in a footnote.

Question 2. Volumes Added. Include only volumes cataloged, classified, and made ready for use. Include government documents if they have been included in the count of volumes on line 1a.

Question 4. Monographic Volumes Purchased. Report number of volumes purchased. Include all volumes for which an expenditure was made during 1994-95, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote in the "Footnotes" section of the questionnaire. **Note:** This question is concerned with volumes purchased rather than volumes received or cataloged. Question 16 requests the expenditure for the volumes counted here.

Questions 5-7. Serials. Report the total number of subscriptions, not titles. Include duplicate subscriptions and, to the extent possible, all government document serials even if housed in a separate documents collection. Verify the inclusion or exclusion of document serials in Question 48 of the questionnaire. Exclude monographic and publishers' series. A **serial** is

> *a publication issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies.*

Question 6. Serials: Not Purchased. If separate counts of nonpurchased and purchased serials are not available, report only the total number of current serials received on line 7, and report **-1**, i.e. "U/A", for lines 5 and 6.

Question 8. Microforms. Report the total number of physical units: reels of microfilm, micro-cards, and microprint and microfiche sheets. Include all government documents in microform; provide a footnote in the "Footnotes" section of the questionnaire if documents are excluded.

Question 9. Government documents. Report the total number of physical units (pieces) of government documents in paper format that have not been counted elsewhere. Include local, state, national, and international documents; include documents purchased from a commercial source if shelved with separate documents collections and not counted above. Include serials and monographs. To estimate pieces from a measurement of linear feet, use the formula *1 foot = 52 pieces* and indicate in a footnote that the count is based on this estimate. Exclude microforms and nonprint formats such as maps or CD-ROMs.

Question 10. Computer files. Include the number of pieces of computer-readable disks, tapes, CD-ROMs, and similar machine-readable files comprising data or programs that are **locally held as part of the library's collections** available to library clients. Examples are U.S. Census data tapes, sample research software, locally-mounted databases, and reference tools on CD-ROM, tape or disk. Exclude bibliographic records used to manage the collection (i.e. the library's own catalog in machine-readable form), library system software, and microcomputer software used only by the library staff.

Question 11. Manuscripts and archives. Include both manuscripts and archives measured in linear feet.

Question 12. Cartographic materials. Include the numbers of pieces of two- and three-dimensional maps and globes. Include satellite and aerial photographs and images.

Question 13. Graphic materials. Include the number of pieces of prints, pictures, photographs, postcards, slides, transparencies, film strips, and the like.

Question 14. Audio materials. Include the number of pieces of audio cassettes, phonodiscs, audio compact discs, reel-to-reel tapes, and other sound recordings.

Question 15. Film and video materials. Include the number of pieces of motion pictures, video cassettes, video laser discs, and similar visual materials.

Questions 16-27. Expenditures. Report all expenditures of funds that come to the library from the regular institutional budget, and from sources such as research grants, special projects, gifts and endowments, and fees for service. (For question 25 include non-library funds; see instruction Q24-25) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (To determine figures in U.S. dollars, divide Canadian dollar amounts by 1.3794, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 1994-June 1995.) **Please round figures to the nearest dollar.**

Question 16. Monographs. Report expenditures for volumes counted on line 4.

Question 17. Current Serials. Exclude monographic and publishers' series, and encumbrances.

Question 18. Other library materials. Include all materials except monographs and current serials, e.g. microforms, backfiles of serials, charts and maps, audiovisual materials, manuscripts, electronic media, etc. If expenditures for these materials are included in lines 16 and/or 17 and cannot be disaggregated, please report **-1**, i.e. "U/A", and provide a footnote in the"Footnotes" section of the questionnaire. Do not include encumbrances.

Question 19. Miscellaneous expenditures. Include any other **materials funds expenditures** not included in questions 16-18, e.g., expenditures for bibliographic utilities, literature searching, security devices, memberships for the purposes of publications, etc. Please list categories, with amounts, in a footnote in the "Footnotes" section of the questionnaire. **Note:** If your library does not use materials funds for non-materials expenditures – i.e., such expenditures are included in "Other Operating Expenditures" -- **report 0, not -1, i.e. "U/A"**, on line 19.

Question 21. Contract Binding. Include only contract expenditures for binding done outside the library. If all binding is done in-house, state this fact and give in-house expenditures in a footnote in the "Footnotes" section of the questionnaire; do not include personnel expenditures.

Questions 22-25. Salaries and wages. Exclude fringe benefits. If professional and support staff salaries cannot be separated, enter **-1**, i.e. "U/A", on lines 22 and 23 and enter total staff on line 25.

Questions 24-25. Salaries and wages: Student Assistants. Report 100% of student wages regardless of budgetary source of funds. Include federal and local funds for work study students.

Question 26. Other operating expenditures. Exclude expenditures for buildings, maintenance, and fringe benefits.

Questions 28-31. Personnel. Report the number of staff in filled positions, or positions that are only temporarily vacant. Temporarily vacant positions are those positions that were vacated during the fiscal year for which ARL data were submitted, and for which there is a firm intent to refill. You should only report positions for which there are expenditures for salaries reported on lines 22-25.

Include cost recovery positions and staff hired for special projects and grants, but provide an explanatory footnote indicating the number of such staff. If such staff cannot be included,

provide a footnote in the "Footnotes" section of the questionnaire. To compute full-time equivalents of part-time employees and student assistants, take the total number of hours worked by part-time employees in each category and divide it by the number of hours considered by the reporting library to be a full-time work week. **Round figures to the nearest whole numbers.**

Question 28. Professional Staff. Since the criteria for determining professional status vary among libraries, there is no attempt to define the term "professional." Each library should report those staff members it considers professional, including, when appropriate, staff who are not librarians in the strict sense of the term, for example computer experts, systems analysts, or budget officers.

Question 30. Student Assistants. Report the total FTE (see instruction Q28-31) of student assistants employed on an hourly basis whose wages are paid from funds under library control or from a budget other than the library's, including federal work-study programs. Exclude maintenance and custodial staff.

Questions 32-33. Instruction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions 32 and 33. Please use an asterisk (*) to indicate if responses are based on sampling.

Question 32. Presentations to Groups. Report the total number of sessions during the year of presentations made as part of formal bibliographic instruction programs and through other planned class presentations, orientation sessions, and tours. If the library sponsors multi-session or credit courses that meet several times over the course of a semester, each session should be counted. Presentations to groups may be for either bibliographic instruction, cultural, recreational, or educational purposes. Presentations both on and off the premises should be included as long as they are sponsored by the library. Do not include meetings sponsored by other groups using library meeting rooms. Place an asterisk (*) after your answer if you use sampling.

Question 33. Participants in Group Presentations. Report the total number of participants in the presentations reported on line 32. For multi-session classes with a constant enrollment, count each person only once. Personal, one-to-one instruction in the use of sources should be counted as reference transactions on line 34. Place an asterisk (*) after your answer if you use sampling. Use the "Footnotes" section to describe any special situations.

Question 34. Reference Transactions. Report the total number of reference transactions. A reference transaction is

> *an information contact that involves the knowledge, use, recommendations, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including computer-assisted instruction), catalogs and other holdings, records and, through communication or referral, other libraries and institutions, and persons both inside and outside the library.*

Include information and referral services. If a contact includes both reference and directional services, it should be reported as one reference transaction. When a staff member utilizes information gained from a previous use of information sources to answer a question, report as a reference transaction, even if the source is not consulted again during this transaction. Duration should not be an element in determining whether a transaction is a reference transaction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Question 34. Place an asterisk (*) after your answer if you use sampling.

EXCLUDE SIMPLE DIRECTIONAL QUESTIONS. A directional transaction is an information contact that facilitates the logistical use of the library and that does not involve the knowledge, use, recommendations, interpretation, or instruction in the use of any information sources other than those that describe the library, such as schedules, floor plans, and handbooks.

Questions 35-37. Circulation. For Question 35, count the number of initial circulations during the fiscal year from the general collection for use usually (although not always) outside the library. Do not count renewals. Include circulations to and from remote storage facilities for library users (i.e., do not include transactions reflecting transfers or stages of technical processing). Count the total number of items lent, not the number of borrowers. For Question 36, report total circulation for the fiscal year including initial transactions reported on line 35 and renewal transactions. On both line 35 and line 36, exclude reserve circulations; report those on line 37.

Question 37. Reserve Circulation. Count the number of circulation transactions from the reserve collection. Count the total number of items, not the number of borrowers. Exclude circulations from other restricted-circulation collections, such as special collections. The reserve collection is defined as

> *those materials that have been removed from the general library collection and set aside in a library so that they will be on hand for a certain course of study or activity in process. Usually, the circulation and length of loan of items in a reserve collection are restricted so that these items will be available to many users who have need of them within a limited time period.*

Questions 38-39. Interlibrary Loans. Report the number of filled requests for material provided to other libraries on line 38. Report the number of filled requests for material received from other libraries or document delivery services on line 39. On both lines, include originals, photocopies, and materials sent by telefacsimile or other forms of electronic transmission. Do not include transactions between libraries covered by this questionnaire.

Questions 40-41. Ph.D. Degrees. Report the number awarded during the 1994-95 fiscal year. Please note that only the number of Ph.D. degrees are to be counted. Statistics on all other advanced degrees (e.g., D.Ed., D.P.A., M.D., J.D.) are not included in this survey. If you are unable to provide a figure for Ph.D.s only, please add a footnote in the "Footnotes" section of the questionnaire.

Question 41. Ph.D. Fields. For the purposes of this report, Ph.D. fields are defined as the specific discipline specialties enumerated in the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) "Completions" Survey. Although the IPEDS form requests figures for all doctoral degrees, only fields in which Ph.D.s are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted in the "Footnotes" section of the questionnaire.

Question 42. Instructional Faculty. Instructional faculty are defined by the U.S. Dept. of Education as

> *those members of the instruction/research staff who are employed full-time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full-time counts exclude faculty who are employed to teach fewer than two semesters, three quarters, two trimesters, or two four-month sessions; replacements for faculty on sabbatical leave or leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses.*

Please be sure the number reported, and the basis for counting, are consistent with those for 1993-94 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

Questions 43-46. Enrollment. U.S. libraries should use the Fall 1994 enrollment figures reported to the Department of Education on the form entitled "Integrated Postsecondary Education Data System, Fall Enrollment 1994." The line and column numbers on the IPEDS form for each category are noted on the questionnaire. Please check these figures against the enrollment

figures reported to ARL last year to ensure consistency and accuracy. **Note:** In the past, the number of part-time students reported was FTE; the number now reported to IPEDS is a head count of part-time students. Canadian libraries should note that the category "graduate students" as reported here includes all post-baccalaureate students.

Question 54. Footnotes. Reporting libraries are urged to record in the footnote section any information that would clarify the figures submitted, e.g., the inclusion of branch campus libraries (see paragraph six of the "General Instructions" for definition of branch campus libraries). Explanatory footnotes will be included with the published statistics. Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly. For your convenience, your footnotes from the *ARL Statistics 1993-94* are included in the printed copy of the questionnaire. **Please update these notes, delete them, or indicate that they remain valid, and return them to the ARL office.** Note that the number in parentheses refers to the appropriate column on the Library Data Tables in the published *ARL Statistics*, not to a line number on the questionnaire.

Return the ARL Statistics diskette to the ARL Office by **October 15, 1995,** together with a copy of the final printed questionnaire. If there are any questions about the procedure to be followed in completing these questionnaires, contact the ARL Office.

INSTNO_____

ARL STATISTICS QUESTIONNAIRE, 1994-95

Please do not leave any lines blank. If an exact figure is unavailable, use -1, i.e. "U/A." If a question is not applicable in your library, use -2, i.e. "N/A." If the appropriate answer is zero or none, use "0".

Reporting Institution _____ Date Returned to ARL _____

Questionnaire Completed by (Name) _____

Position _____ Phone _____

Contact Person (if different) _____

Position _____ Phone _____

COLLECTIONS

Volumes in Library: *(See instruction Q1-4)*

1a. *Volumes held June 30, 1994*
(Exclude microforms, uncataloged govt. docs., maps, a/v material.
Record figure reported last year or footnote adjusted figure on p. 4.) _____

2. Volumes added during year -- Gross *(See instruction Q2)*
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____

2a. *Volumes withdrawn during year*
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____

3. Volumes added during year -- Net (Subtract line 2a from line 2) _____

1. Volumes held June 30, 1995 (Add line 1a to line 3) _____

4. Number of monographic volumes purchased *(See instruction Q4)*
(Volumes for which expenditures are reported on line 16. Footnote if titles.) _____

Serials: *(See instruction Q5-7)*:

5. Number of current serials, including periodicals, purchased _____

6. Number of current serials, including periodicals, received but not purchased (Exchanges, gifts, deposits, etc.) *(See instruction Q6)* _____

7. Total number of current serials received (Add line 5 to line 6) _____

COLLECTIONS (cont'd.)

Other Library Materials: Total number of pieces held June 30, 1995:

8. Microform units *(See instruction Q8)* _____

9. Government documents not counted elsewhere *(See instruction Q9)* _____

10. Computer files *(See instruction Q10)* _____

11. Manuscripts and archives (linear ft.) *(See instruction Q11)* _____

Audiovisual materials:

12. Cartographic *(See instruction Q12)* _____

13. Graphic *(See instruction Q13)* _____

14. Audio *(See instruction Q14)* _____

15. Film and Video *(See instruction Q15)* _____

EXPENDITURES *(See instruction Q16-27)* Reported in Canadian dollars? Yes _____ No _____

Library Materials:

16. Monographs (Expenditures for volumes reported on line 4) *(See instruction Q16)* _____

17. Current serials including periodicals *(See instruction Q17)* _____

18. Other library materials (e.g., microforms, a/v, etc.) *(See instruction Q18)* _____

19. Miscellaneous (All materials fund expenditures not included above) *(See instruction Q19)* _____

20. Total library materials (Add lines 16, 17, 18, 19) _____

21. **Contract binding:** *(See instruction Q21)* _____

Salaries and Wages: *(See instruction Q22-25)*

22. Professional staff _____

23. Support staff _____

24. Student assistants *(See instruction Q24-25)* _____

25. Total salaries and wages (Add lines 22, 23, 24) _____

26. **Other operating expenditures:** *(See instruction Q26)* _____

27. **Total library expenditures:** (Add lines 20, 21, 25, 26) _____

PERSONNEL *(See instruction Q28-31. Round figures to nearest whole number.)*

28. Professional staff, FTE *(See instruction Q28)* _____

29. Support staff, FTE _____

30. Student assistants, FTE *(See instruction Q30)* _____

31. Total FTE staff (Add lines 28, 29, 30) _____

INSTRUCTION *(See instruction Q32-33)*

32. Number of library presentations to groups *(See instruction Q32)* _____

33. Number of total participants in group presentations reported on line 32 *(See instruction Q33)* _____

REFERENCE

34. Number of reference transactions *(See instruction Q34)* _____

CIRCULATION *(See instruction Q35-37)*

35. Number of initial circulations (excluding reserves) _____

36. Total circulations (initial and renewals, excluding reserves) _____

37. Number of reserve circulations *(See instruction Q37)* _____

INTERLIBRARY LOANS *(See instruction Q38-39)*

38. Total number of filled requests for materials **provided** to other libraries _____

39. Total number of filled requests for materials **received** from other libraries _____

PH.D. DEGREES *(See instruction Q40-41)*

40. Number of Ph.D.s awarded in FY1994-95 _____

41. Number of fields in which Ph.D.s can be awarded *(See instruction Q41)* _____

FACULTY *(See instruction Q42)*

42. Number of full-time instructional faculty in FY1994-95 _____

ENROLLMENT -- FALL 1994 (TOTALS) *(See instruction Q43-46; line numbers refer to IPEDS survey form)*

43. Full-time students (Add line 8, columns 15 & 16, and line 14, cols. 15 & 16) _____

44. Part-time students (Add line 22, columns 15 & 16, and line 28, cols. 15 & 16) _____

45. Full-time graduate students (Line 14, columns 15 & 16) _____

46. Part-time graduate students (Line 28, columns 15 & 16) _____

LOCAL CHARACTERISTICS or **ATTRIBUTES**

47. Basis of volume count is: _____ Physical _____ Bibliographic

48. Government documents are included in count of Current Serials. _____ Yes _____ No

49. Fringe benefits are included in expenditures for salaries and wages. _____ Yes _____ No

50. Law Library statistics are included. _____ Yes _____ No _____ We do not have a Law Library

51. Medical Library statistics are included. _____ Yes _____ No _____ We do not have a Medical Library

52. Other main campus libraries included: [list in "Footnotes" below].

53. Branch Campus Libraries. *(See paragraph six of the "General Instructions")*

    Figures include branch CAMPUS libraries: ____ Yes _____ No _____ We have only one campus.

    If branch campus libraries are included, please specify which campuses in "Footnotes" below.

    If branch campus libraries are not included, please specify which campuses in "Footnotes" below.

FOOTNOTES *(See instruction Q54)*

54. Footnotes as published in the *ARL Statistics 1993-94*.

    For your convenience, a copy of your library's footnotes as they appear in the published *ARL Statistics 1993-94* is attached. Please indicate revisions, additions, and deletions as appropriate. If any footnotes published last year are unchanged, please mark them to indicate that they are still valid. Note: number in ( ) refers to the column in Library Data Tables in *ARL Statistics 1993-94*.

PLEASE RETURN COMPLETED QUESTIONNAIRE TO THE ARL OFFICE BY **OCTOBER 15, 1995.**

ARL Statistics and Measurement Program, Association of Research Libraries, 21 Dupont Circle, Washington, D.C. 20036. (202) 296-2296; Fax (202) 872-0884. Please call or e-mail Martha Kyrillidou (martha@cni.org) for assistance with the questionnaire.

FOOTNOTES TO THE ARL STATISTICS, 1994-95

FOOTNOTES TO THE ARL STATISTICS, 1994-95

Footnotes may also include errata and corrections to data from prior years not previously reported. Numbers in parentheses refer to columns in Library Data Tables and to Questionnaire numbers.

INSTITUTION	QUESTION NUMBER	NOTES
ALABAMA		All figures are as of September 30, 1995.
	1	Excludes Government documents.
	8	Includes Government documents in microformats.
	17	Includes payment of more than one year's serial invoices during the year.
	18	Includes Law, Health Sciences, and Map libraries only; Gorgas Library (main) and branches do not separate expenditures for Audiovisual materials and Microforms.
	19	Center for Research Libraries membership.
	20	Increase due to carry-over funds, paying more than one year's serial invoices, and increases in the law library budget.
	26	Includes bibliographic utilities, memberships (except CRL), and literature searching.
ALBERTA		All figures are as of March 31, 1995.
		The University of Alberta Library has reconciled its library collections. Volumes held March 31, 1994 revised to 4,859,228.
		The 1994-95 statistics includes data for NEOS affiliated libraries and the various reading rooms and learning resources centers on campus. For the first time, the statistics compiled include all items within the single GATE database because access to them is contractually acquired and offered to the University seamlessly.
		Several private libraries were acquired in the past year and some departmental libraries, which were not counted previously, were included this year.
	1	Includes 669,700 from other libraries and 432,000 from NEOS libraries.
	2-3	Includes Faculte St. Jean, books from Map Collections, and Data library. Excludes St. Joseph's College Library, University of Alberta Hospital School of Nursing, and departmental reading rooms.
	6	Includes Government documents.
	16-17	Figures from base library budget. Outside-funded expenditures (trust funds, endowments and other special funds) were Monographs (16), Can $322,383.56 and Serials (17), Can $75,120.48. NEOS library expenditures were Can $1,674,300 and Other library expenditures were Can $624,502.
	16-27	Includes expenditures from research grant, special projects, gifts and endowment and fee for service in Canadian dollars: Professional salaries (22), $5,917.05; Student assistant salaries (24), $142,771.44; Monographs and Serials, $397,504.04; and Other, $202,893.24.
		Expenditures reported in Canadian dollars were: (16) $2,894,597; (17) $6,766,656; (18) U/A; (19) $132,732; (20) $9,793,984; (21) $118,497; (22) $4,404,418; (23) $7,100,845; (24) $658,919; (25) $12,164,182; (26) $2,423,958; (27) $24,500,621.

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INSTITUTION	QUESTION NUMBER	NOTES
ALBERTA (cont'd)	18	Included in Monograph expenditures (16) and Serial expenditures (17).
	19	Includes postage expenditures.
	26	Includes operational expenditure from trusts and various accounts which had been excluded previously.
	28	Includes 10 FTE from professional staff.
	41	1993-94 figure for Ph.D. fields was incorrect.
ARIZONA		Basis of volume count in main library is bibliographic; in Law & Health Sciences libraries, it is physical.
	1, 5-7	Includes Government documents.
	5-7	Includes Health Sciences library, as opposed to previous FY report.
	6	Includes Law library, as opposed to previous FY report.
	9	Figures from Health Sciences and Law libraries are now available, as opposed to previous FY report.
	32-37	Law library data not applicable.
	35-36	Reserves are included for Health Sciences library only.
	42	Figure represents an actual count rather than an estimate as reported previously.
ARIZONA STATE		ASU West altered their 1993-94 total volume to 242,415 (192 more). Volumes held June 30, 1994 revised to 3,019,866.
		Includes Arizona State University West Campus, Architecture library, Hayden Library, Music library, Noble Library, and the Law library.
	15	Added statistics from several new departments in Hayden Library.
	18	Previous to 1993-94, electronic serials and database access was reported here.
	19	ASU West did not have capital equipment, document delivery, cataloging, or contracts expenditures.
	20	Reports filled positions.
	32-33	Statistics are down due to two instructional librarian positions vacant and one subject specialist position vacant.
	35-36	The Law library erroneously reported last year's statistics.
AUBURN		All figures are as of September 30, 1995.
	1	Includes 317,101 cataloged Government documents.
	2	Includes 24,034 cataloged Government documents. Volumes withdrawn include 12,837 Government documents.
	24	Includes $45,380 from Federal Work-Study Program.
	34	1993-94 figure for reference transactions is 3,999.
BOSTON		Includes the Theology library.
	3-5, 8	Government documents are included, except for Law library documents.

INSTITUTION	QUESTION NUMBER	NOTES
BOSTON (cont'd)	9	Figure represents Law library Government documents only.
	14	Audio has been adjusted since 1993-94.
BOSTON PUBLIC LIBRARY		Includes main and branch libraries.
	1	Excludes patents and prints.
	1-3, 5-7	Excludes Government documents.
BRIGHAM YOUNG		All figures are as of August 31, 1995.
	1-3, 5-8	Includes Government documents.
	10	Figure for number of Computer files has been estimated in the past. This year's figure represents an actual piece count.
BRITISH COLUMBIA		All figures are as of March 31, 1995.
		Volumes held June 30, 1994 revised to 3,533,083.
		Medical library statistics cannot be disaggregated from the main statistics, as the Medical collection is an integral part of the main library.
	12-13	232,740 aerial photographs were counted as part of Graphics in 1993-94.
	16-27	Expenditures reported in Canadian dollars were: (16) $3,590,863; (17) $5,243,646; (18) U/A; (19)$0; (20) $8,834,509; (21) $224,758; (22) $5,933,266; (23) $7,525,207; (24) $1,401,364; (25) $14,859,837; (26) $2,558,191; (27) $26,477,295.
	18	Included in Monograph expenditures (16).
	28-31	Includes: Operating Budget, 391 FTE; Grants, 11 FTE; Cost Recovery, 6 FTE; and Projects, 2 FTE; Total, 410 FTE.
BROWN		Includes John Carter Brown, Annmary Brown, Demography, and Art Slide Libraries, as well as media services.
		Medical library statistics cannot be disaggregated from the main statistics, as the Medical collection is an integral part of the Sciences library.
		In previous years, volume count was incorrectly reported as being bibliographic. It was physical.
	11	Includes manuscripts only.
	13	503,440 pieces of sheet music added in 1993-94.
	16	Includes documents and media (such as microforms, videos, and sound recordings).
	29	1993-94 figure for support staff was incorrect, due to double counting of staff at the John Carter Brown Library.
	32	Large increase due to the introduction of electronic materials, requiring many more formal presentations.
CALIFORNIA, BERKELEY		Volumes held June 30, 1994 revised to 8,105,001. (Some units reporting for the first time this year.)
	8-11	Government documents are reported by material type when known, and otherwise as generic "government documents."
	13	1993-94 figure for Graphics was incorrect. Total has been amended.

INSTITUTION	QUESTION NUMBER	NOTES
CALIFORNIA, BERKELEY (cont'd)	16	Monograph expenditures include dollars spent on all library materials except serials.
	24	Method of calculating Student assistant FTE has improved over 1993-94.
	31	FTE figures include temporary employees and reflect temporary reductions in hours due to voluntary action by career employees.
	35, 36	Disruption due to major relocation of collections (Main, Business, Gov. Docs, etc.) caused reductions in circulation.
	38	Interlibrary lending does not include photocopies provided by authorized document delivery subcontractors (e.g. Boalt Express) who fill requests using the UC Berkeley collections.
	44, 46	1993-94 figure for Part-time students revised to 2,061; figure for Part-time graduate students revised to 1,113.
CALIFORNIA, DAVIS		Includes Harrison Western Research Center Library (20,316 bound volumes and 107 non-document serials) in Fair Oaks, California.
		Basis of volume count in General library is bibliographic; in Law library, it is physical.
	16, 20, 27	1993-94 figure for Monograph expenditures revised to $1,952,654; Total expenditures for library materials revised to $5,404,724; Total library expenditures revised to $14,504,611.
	18	Includes for Law library: RLIN, $21,000; LEXIS and WESTLAW, $40,386.
	42	1993-94 figure for Full-time instructional faculty revised to 1,364.
CALIFORNIA, IRVINE		Volumes held June 30, 1994 revised to 1,824,940.
		Medical library statistics cannot be disaggregated from the main statistics, as the Medical collection is an integral part of the main library.
	1, 3	Includes documents cataloged as part of a conversion project.
	9	Numbers decreased significantly due to document conversion project.
CALIFORNIA, LOS ANGELES		Volumes held June 30, 1994 revised to 6,466,263.
		Initial volume count in 1940s was bibliographic; subsequent counts of added volumes have been physical.
	5-7	Includes cataloged Government document serials.
	22-25	Fringe benefits are included in the expenditures for Salaries and wages.
	28	Professional staff includes Management and Professional Program employees.
CALIFORNIA, RIVERSIDE	7	The Government documents included in the bound volume count are accessible through the online catalog.
	24	Includes $27,970 in federal work study funds.
CALIFORNIA, SAN DIEGO	17	Includes monographic and publishers' series. Also includes all formats.
	19	Expenditures for database services (literature searches).
	31	Includes 19.57 FTE hired for cost recovery operations, special projects, and grants.

INSTITUTION	QUESTION NUMBER	NOTES
CALIFORNIA, SANTA BARBARA	2, 3, 9	Increase in volumes added results from retrospective conversion of Government document titles.
	6, 7	1993-94 figure for number of serials received but not purchased was incorrect.
	22-25	Fringe benefits are included in the expenditures for Salaries and wages.
CANADA INST. FOR SCITECH.		All figures are as of March 31, 1995.
		Includes 14 branch libraries throughout Canada that serve the divisions of the National Research Council of Canada, CISTI's parent organization. One branch closed in 1994-95.
		In 1994-95 CISTI was amalgamated with the publishing arm of the National Research Council of Canada (NRC Research Press), which accounts for the large percentage increases in salaries, operating expenses, expenditures and staff.
		Volume count changed from bibliographic to physical this year.
		Medical library statistics cannot be disaggregated from the main statistics, as the Medical collection is an integral part of the main library.
	16-27	Expenditures reported in Canadian dollars were: (16) $1,114,830; (17) $7,221,115; (18) 133,850; (19) $0; (20) $8,469,795; (21) $0; (22) $6,334,686; (23) $3,943,141; (24) $0; (25) $10,277,827, (26) $22,142,173; (27) $40,889,795.
	22-25	Fringe benefits are included in the expenditures for Salaries and wages.
	32, 33	Many presentations previously done by the library are now done by the marketing group.
CASE WESTERN RESERVE		Volumes held June 30, 1994 revised to 1,881,807 to reflect a total physical count rather than a partial bibliographic count as in past reports.
	1-4	For University Library, Government documents figure is determined by formula in specific instructions.
	4	For University Library, does not include monographs received as part of standing orders .
	16	For Medical library, continuations are included with monographs not serials.
	18	Includes CD-ROM expenditures.
	29-30	Medical library includes 3.5 FTE Support staff, and 1 FTE Student assistant paid from grant funds.
	35	1993-94 figure for Initial circulations in Medical library was incorrect.
	36	1993-94 figure for Total circulation was incorrect.
CENTER FOR RESEARCH LIBS.	1-3, 8	Includes Government documents (number estimated).
	5-7	Excludes most Government documents in collection.
	18, 27	Includes restricted-fund expenditures.
	26	Excludes figures related to building maintenance.
	28	Includes 11 FTE of grant funded personnel.
CHICAGO		Medical library statistics cannot be disaggregated from the main statistics, as the Medical collection is an integral part of the science collections.

INSTITUTION	QUESTION NUMBER	NOTES
CINCINNATI		Volumes held June 30, 1994 revised to 1,984,792.
		Excludes libraries at Raymond Walters College and Clermont College.
	34	Excludes Law library.
	38	Includes figures for two branch campus libraries since software cannot supply separate data.
	42	Includes Medical Center faculty.
COLORADO	12	1993-94 figure for Cartographic materials was incorrect.
	18	Includes bibliographic utility expenditures, Humanities Special Purchases, online searching, etc.
	23	Includes 2.5 support staff FTE paid from auxiliary funds.
	24	Includes 37 student assistants FTE paid from work study funds.
	26	Includes $800,000 university loan for new automated system and equipment.
COLORADO STATE	2	Includes 12,929 documents.
	4	1990-91 figure for number of monographs purchased revised to 21,839.
	8	Includes 1,826,638 documents.
	19	Includes ARL ($13,400); Access/ILL ($102,410); networking operations ($97,187); CNI ($2,000); Access ($26,000); OVID ($68,186); bindery supplies ($9,710); searches (IBDBS $696); BNA ($4,066).
	22-25	Fringe benefits are included in the expenditures for Salaries and wages.
	42	1993-94 figure for Full-time instructional faculty revised to 999.
	43, 44	1993-94 figure for Full-time students revised to 15,646; figure for Part-time students revised to 1,829.
COLUMBIA		Basis of volume count in Law library is bibliographic.
	1-8	Includes Government documents.
	18	Included in Monograph expenditures (16) and Serial expenditures (17).
	38	ILL provided by Law library includes 1,020 as standard ILL and 5,673 as fee-based service provider.
CONNECTICUT		Volumes held June 30, 1994 revised to 2,477,015 to reflect adjusted volume counts in Law and Medical libraries.
		Includes Greater Hartford Campus. Excludes Avery Point, Stamford, Torrington, and Waterbury campuses.
	1-8	Includes Government documents.
CORNELL		Includes Geneva Experiment Station.
	11	Manuscripts and archives are in cubic feet.
	28-31	Includes professional staff, support staff, and student assistants on grants and projects.

INSTITUTION	QUESTION NUMBER	NOTES
CORNELL (cont'd)	36	Includes reserves.
	42	Faculty count includes only full, associate, and assistant professors. Excludes faculty at the Medical Division in New York City.
	43-46	Excludes Medical Division in New York City and students registered in absentia. Part-time enrollment reflects employee degree registrants only.
DARTMOUTH	28	Includes 3.80 FTE professional staff grant-supported.
	29	Includes 2.08 FTE support staff grant-supported.
DELAWARE		Includes Marine Studies library at the University of Delaware Marine Studies Research Complex in Lewes, Delaware.
	1-3, 8	Includes Government documents.
	18	Included in Monograph expenditures (16) and Serial expenditures (17).
	22-25	Excludes professional and support staff in Information Technologies assigned to the library.
	27	Excludes operating budget of University of Delaware Library Associates, which was $60,600 in FY1994-95.
DUKE		Volumes held June 30, 1994 revised to 4,284,664.
	4	Excludes Law library.
	15	Some Film and Video included in Audio figure.
	24	Excludes some work-study money.
	31	Includes nine staff on special projects and grants.
	35-36	Includes some reserve circulations.
	37	Excludes Law and Medical Center libraries.
	42	Last year's figure included faculty for clinical medicine.
EMORY		All figures are as of August 31, 1995.
		Volume count includes Government documents for General libraries (records added to OPAC this year). Volumes held June 30, 1994 revised to 2,146,828.
		Includes Theology library and Oxford Campus.
	22	Includes 3 FTE grant-funded positions.
	23	Includes 2 FTE cost-recovery positions.
	26, 27	1993-94 figure for Other operating expenditures revised to $4,370,463; Total library expenditures revised to $17,239,119.
FLORIDA		Volumes held June 30, 1994 revised to 3,103,228.
	5-7	Includes 3,264 cataloged Government document serials.
	6	Includes 4,299 previously unreported deposits at the Legal Information Center library.
	14	Includes 3,364 audio formats previously unreported.

INSTITUTION	QUESTION NUMBER	NOTES
FLORIDA (cont'd)	22-25	Fringe benefits for 1993-94 were included in the expenditures for Salaries and wages.
	37	1993-94 circulation figures included 65,000 reserve circulations.
FLORIDA STATE		Includes branch campus in Panama City (holdings and materials expenditures only); excludes Developmental Research School.
	1-3	Includes most cataloged Government documents.
	16	Includes some microforms, audiovisual materials, etc.
	40	Figure represents total number of doctoral degrees awarded; number of Ph.D.s not available.
GEORGETOWN		Volumes held June 30, 1994 revised to 2,017,837.
		Includes reference library of Kennedy Institute of Bioethics.
	4	1993-94 figure for number of monographs purchased revised to 29,392.
	22-24	Professional staff salaries, excluding the medical library are $3,054,075; Support staff salaries are $2,988,607; Student assistant wages are $597,984.
	28	Includes 11 positions funded by grant or contracts in the Medical library.
	33	Large reduction results from exclusion of new students taking self-guided orientation tours from the count.
	34	Increase in Reference transactions results from correction of formula used to allocate category of "informational" used locally between "reference" and "directional" as used by ARL.
	36	Medical library general circulation not available.
	42	Figure is estimated.
	45-46	Law school reclassified some night school students from part to full time based on courses carried and "progress toward degree".
GEORGIA	16-18, 20-23	Includes cataloged Government documents, some of which are shelved together in the Main Science libraries.
GEORGIA TECH	1-3, 5-7	Includes Government documents that are cataloged, classified, and housed separately.
GUELPH		All figures are as of April 30, 1995.
		Volumes held April 30, 1991 revised to 1,944,813; Volumes held April 30, 1992 revised to 1,977,984; Volumes held April 30,1993 revised to 2,002,313; Volumes held April 30,1994 revised to 2,034,305.
	16	Includes non-budgetary gifts, grants, and endowments of Can $258,638.
	16-27	Expenditures reported in Canadian dollars were: (16) $1,078,387; (17) $2,203,427; (18) U/A; (19) $17,293; (20) $3,299,107; (21) $98,469; (22) $1,525,458; (23) $3,443,288; (24) $118,921; (25) $5,087,667; (26) $800,707; (27) $9,285,950.
	18	Included in Monograph expenditures (16) and Serial expenditures (17).
	26, 27	Includes recovered expenses for the first time. 1992-93 figures revised to (26) $1,157,400 and (27) $9,587,727. 1993-94 figures revised to (26) $939,080 and (27) $9,427,834.

INSTITUTION	QUESTION NUMBER	NOTES
GUELPH (cont'd)	28-29	The university now includes all supervisors in Professional staff category. We have reported in accord with last year's survey and have included only librarians and other professional appointments in Professional staff (28); other supervisors are included in support staff (29).
HARVARD		Volumes held as of June 30, 1994 revised to 12,895,174.
		Includes research institutions in the District of Columbia and Italy.
		All Ph.D.s are awarded through the Graduate School of Arts and Sciences.
	1-2	Includes some Government documents.
	6	Includes some Government documents; excludes some international Government documents.
	27	Separate figures for expenditures from grants and special projects are not available. Excludes fringe benefits ($8,923,564) and buildings and maintenance ($3,762,369) charged to library budget. Includes cost recovery items ($5,408,348).
	42	Excludes Medicine, Dental, and Law libraries. With Medicine and Dental, number of instructional faculty is 1,993.
HAWAII	1-3, 5-8	Includes Government documents; based on a formula applied to a piece count.
	16	Expenditures were lower because of significant monograph prepayment made in 1993-94. In turn this allowed increased expenditures in 1994-95 (26) to significantly upgrade hardware and software related to the library's online and distributed network computer systems.
	26	Operating expenses include one-time upgrade of computer hardware and software.
HOUSTON		All figures are as of August 31, 1995.
		Excludes branch campus libraries at Clear Lake, Victoria, and Downtown.
	26	Includes expenditure for new integrated library system and major computer expansion.
HOWARD		Volumes held June 30, 1994 revised to 2,208,988.
ILLINOIS, CHICAGO	1-3	Excludes Government documents.
	4	Includes Government documents; excludes monographs in series or continuations.
	10	Count is by title, not by unit.
	13	Excludes graphics in Special Collections.
	42	Excludes clinical and visiting faculty which were previously included.
ILLINOIS, URBANA	28	Includes 35 FTE graduate assistants as well as 5 FTE graduate assistants funded from research grants or other temporary funds.
	40	1993-94 figure for Ph.D.s awarded revised to 643.
INDIANA		Excludes branch campus libraries at Richmond, New Albany, Kokomo, South Bend, Gary, Fort Wayne, Indianapolis, and Columbus.

INSTITUTION	QUESTION NUMBER	NOTES
INDIANA (cont'd)	11	Linear feet of Manuscripts and archives revised as a result of collection weeding project and recount.
	16-27	Figures do not reflect complete information from the Kinsey Institute library.
	28	Professional staff includes all librarians and professional appointments.
	28-31	Some professional staff positions have been replaced by support staff in 1994-95. This accounts for the high support staff count.
	43	1993-94 figure for full-time students revised to 29,811.
	45	1993-94 figure for full-time graduate students revised to 4,022.
IOWA		1992-93 Volumes held adjusted upward by 164,001 to reflect movement of existing items in Government Publications.
	1-3	Excludes annuals and proceedings.
	4	Includes music scores and some annuals.
	5, 32	Increases over 1993-94 figures are a result of Law library increases only.
	17	Excludes annuals and proceedings; includes memberships.
	22	Excludes salary for .5 FTE Associate Dean for Research in Law.
	42	There are also 775 clinical and pre-clinical faculty, with departmental appointments in addition to the 1,100 instructional faculty.
IOWA STATE	7	Includes 3,257 Government document serials.
	19	Includes OCLC, literature searching, contract conservation, preservation supplies, reformatting, postage, computer upgrade, and ILL/Document Delivery service.
	28-30	Includes cost recovery/grant/special project positions, paid out of other academic accounts: for (28) = 2.7 FTE; for (29) = 0.6 FTE; for (30) = 3.4 FTE.
JOHNS HOPKINS		Includes Eisenhower Library, Welch Medical Library, Institute of the History of Medicine, School of Hygiene and Public Health library, Peabody Conservatory library, Applied Physics Laboratory library, School of Advanced International Studies (SAIS) in Washington, DC, and Bologna, Italy, the Center for Italian Studies in Florence, Italy, the Montgomery County Center in Rockville, MD, and the School of Continuing Studies, Columbia Center and Downtown Center. Excludes SAIS in Nanjing, China. Data from the Applied Physics Laboratory covers January through December.
	1	Includes Government documents based on ARL formula.
	18, 19, 27	1993-94 figures for Other library materials (18) revised to $1,703,854; Total library materials (19) revised to $6,559,947; Total library expenditures (27) revised to $17,679,169.
	19	Includes literature searching and postage for library materials.

INSTITUTION	QUESTION NUMBER	NOTES
KANSAS		Volumes held June 30, 1994 revised to 3,296,853.
		Includes Regents Center library, Overland Park Kansas, Health Sciences library, and Clendening History of Medicine Library in Kansas City.
		Excludes University of Kansas School of Medicine at Wichita, KS.
	1-3, 5-8	Includes Government documents.
	22	Includes 3.7 FTE professional staff supported by grant funds of $90,656.
	23	Includes 0 FTE support staff supported by grant funds of $613.
	24	Includes 0.8 FTE student assistants supported by grant funds of $7,371.
	41	Includes one joint program with Kansas State, for a total of 56 fields at Lawrence campus and 11 at Kansas City. Two fields are inter-campus programs.
KENT STATE		Includes main campus and branches at Astabula, Geauga, East Liverpool, Salem, Stark, Trumbull, and Tuscarawas.
	16-27, 28-31	Expenditure and personnel figures include Audiovisual Services and Teleproductions.
KENTUCKY		Other main campus libraries included: Agriculture, Architecture, Art, Biological Sciences, Chemistry/Physics, Education, Engineering, Geological Sciences, Mathematical Sciences, and Music.
		Excludes branch campus libraries at Lexington, Prestonburg, Madisonville, Hopkinsville, Henderson, Louisville (2), Ashland, Somerset, Maysville, Elizabethtown, Cumberland, Hazard, Owensboro, and Paducah.
LAVAL		All figures are as of May 31, 1995.
		Medical and Law library statistics cannot be disaggregated from the main statistics, as the Medical and Law collections are an integral part of the main library.
	6	In implementing our acquisitions module, we draw back from our files 1,179 unproductive titles (gifts and exchanges).
	14	Number of pieces increased due to a recent inventory.
	16-27	Expenditures reported in Canadian dollars were: (16) $1,137,768; (17) $4,220,713; (18) $71,094; (19) $49,338; (20) $5,478,913; (21) $112,062; (22) $3,998,221; (23) $5,590,804; (24) $228,125; (25) $9,817,150; (26) $917,132; (27) $16,325,257.
	21	Most binding is done in-house.
	28	Includes 3.2 professional staff for special projects.
LIBRARY OF CONGRESS		All figures are as of September 30, 1995.
	2	Arrearage reduction effort underway; this figure includes many prior-year acquisitions.
	6, 7	Total number of Current serials, including periodicals, received can only be estimated.
	11	Figure is an estimate.
	15	1992-93 figure for Film and Video was correct as originally published; 1993-94 figure is revised to 724,309.

INSTITUTION	QUESTION NUMBER	NOTES
LINDA HALL		All figures are as of December 31, 1994.
	1-3, 5-8	Includes Government documents.
	9	Government document piece count estimated.
	23	1993-94 figure for support staff salaries revised to $501,279.
LOUISIANA STATE		Includes Law library and Veterinary Medicine library.
	7	Increased number of serials is due to added gift and exchange titles as well as reinstatements processed during 1995.
	16	Costs for Other library materials cannot be disaggregated from book expenditures.
	23	Includes $174,964 in salaries paid to graduate assistants.
	26	Includes $249,153 paid to SOLINET.
	41	1993-94 figure for Ph.D. fields revised to 55.
McGILL		All figures are as of May 31, 1995.
		Volumes held May 31, 1994 revised to 2,823,953.
	2	Major change in volumes added gross reflects the transfer of collections from one library to another.
	15	Slides not counted previously were added in 1994-95.
	16-27	Figures reported in Canadian dollars were: (16) $1,627,587; (17) $3,440,246; (18) $384,030; (19) $276,286; (20) $5,728,149; (21) $248,082; (22) $4,674,171; (23) $5,684,188; (24) $540,015; (25) $10,898,374; (26) $1,471,071; (27) $18,345,676.
	19	Includes Tattletapes (Can. $23,360), bibliographic searching (Can. $153,929), and memberships (Can. $98,997).
	26	Includes capital equipment (Can. $76,587) and major equipment (Can $112,459).
	43-46	1993-94 figure for number of Full-time students (43) revised to 15,593; number of Part-time students (44) revised to 5,631; number of Full-time graduate students (45) revised to 5,051; number of Part-time graduate students (46) revised to 1,950.
	44	Total Part-time student figure reported is FTE; head-count is 10,155.
McMASTER		All figures are as of April 30, 1995.
	1-8	Includes Government documents. For all areas except Health Sciences, Government documents counts are based on the linear feet x 10 formula.
	13	1993-94 figure for Graphic materials revised to 5,673.
	15	1993-94 figure for Film and Video materials revised to 2,136.
	16-27	Figures reported in Canadian dollars were: (16) $1,371,379; (17) $3,320,108; (18) $21,958; (19) $13,588; (20) $4,727,033; (21) $128,568; (22) $2,245,174; (23) $3,901,437; (24) $304,617; (25) $6,451,228; (26) $709,632; (27) $12,016,460.
	22	The reporting of four positions has been moved from Support staff to Professional staff.

INSTITUTION	QUESTION NUMBER	NOTES
McMASTER (cont'd)	24	Includes all student salary payments, all shift premium payments to support staff, any additional salary payments made to full-time staff to cover delayed staff replacements, illness coverage, and any emergency staffing needs. The procedure of paying the support staff from the student assistants budget was established by the University Budget Office many years ago in order to keep regular full-time salaries separate from shift premiums and additional payments.
	24, 30	Includes library interns.
MANITOBA		All figures are as of March 31, 1995.
		Volumes held March 31, 1994 revised to 1,646,411.
	16-27	Expenditures reported in Canadian dollars were: (16) $942,378; (17) $2,550,984; (18) U/A; (19) $69,882; (20) $3,563,244; (21) $166,511; (22) $2,942,754; (23) $3,959,869; (24) $707,572; (25) $7,610,195; (26) $1,187,182; (27) $12,527,132.
MARYLAND		Volumes held June 30, 1993 revised to 2,287,109; Volumes held June 30, 1994 revised to 2,371,383.
	6	Includes 9,467 serials received by U.S. Document Depository Library, not previously reported.
	25	Total does not include salaries of $294,313 for contract employees and wages of $133,779 for hourly non-student employees (totaling $428,092). These categories include both professional and support staff. Expenditures are included in the total for (26).
	26	Includes $428,092 for contract and hourly non-student personnel.
	28-31	Total does not include 13 FTE contract and 6 FTE hourly non-student employees (totaling 19 FTE). These categories include both professional and support staff.
	38, 39	The UMCP Libraries cooperatively charge and deliver materials between the libraries of the other campuses in the University of Maryland System. These transactions are counted in (36) as direct patron loans, not interlibrary loans.
MASSACHUSETTS	1-3, 5-8	Includes Government documents received since 1976.
	15	Audio-visual department was detached from the library and reassigned to another administrative unit.
	23, 29	Decreases in support staff were largely the result of the reorganization of the audio-visual department.
	24	Includes $136,268 in federal work study grant funds.
	40	Excludes 91 Ed.D. degrees.
MIT	1-3, 5-8	Includes Government documents.
	19	Includes bibliographic utilities ($309,420) and literature searching ($285,413).
MIAMI		All figures are as of May 31, 1995.
	11	Includes 3,425 linear feet in the Law library.
	22	Excludes director's salary.

INSTITUTION	QUESTION NUMBER	NOTES
MICHIGAN		Includes Bentlay Historical Library, William L. Clements Library, Kresge Business Library, and Law library. Excludes Dearborn Campus library and the University of Michigan-Flint library.
	1-3, 5-8	Includes Government documents.
	5-6	Figures for Law library are estimated.
	11	1993-94 figure for Film and Video materials mistakenly included materials not owned by the library.
	16-20	Figures for the William L. Clements Library are estimated.
	17	Includes microform serials.
	22	Figure includes wages for librarians and Professional/Administrative category.
	26	1993-94 figure for Other operating expenditures revised to $4,439,071.
	27	1993-94 figure for Total library expenditures revised to $28,843,028.
	40	Includes Ph.D. fields only; professional degrees and individualized program degrees are excluded.
MICHIGAN STATE	5-7	Includes monographic series that cannot be disaggregated. Includes Government documents.
	17	Includes expenditures for monographic series that cannot be disaggregated.
	18	Included in Monograph expenditures (16) and Serial expenditures (17).
MINNESOTA		Excludes branch campus libraries at Duluth, Morris, and Cookston.
	2	Copy cataloging operation was reorganized, resulting in approximately 17,000 more items being cataloged in 1994-95 than in 1993-94.
	5	Canceled individual corporate report serials, which are now accessed on CD-ROM (5,887 titles).
	13-15	Individual counts unavailable. Total Audiovisual is 694,050.
	34	Figure represents a combination of actual counting and sampling.
MISSOURI	17	Expenditures for serials increased due to a prepayment situation.
	22	Includes $133,370 for UM-Wide Library Systems Office for online catalog.
	26	Includes $260,000 for UM-Wide Library Systems Office for online catalog.
NATL. AGRICULTURAL LIBRARY		All figures are as of September 30, 1995.
		Excludes USDA field libraries.
	1-3, 5-8	Includes Government documents.
	2	Serial volumes added estimated from count of unbound issues; periodicals binding is not current.
	8	1992-93 figure for Microform units revised to 1,033,221.
	10-15	1993-94 figures are revised to: Computer files (10), 232; Manuscripts and Archives (11), 17,494; Maps (12), 872; Graphics (13), 738; Audio (14), 55; Video (15), 1,038.

INSTITUTION	QUESTION NUMBER	NOTES
NATL. AGRICULTURAL LIBRARY (cont'd)	12-15	Figure represents title counts, not piece counts.
	17	1993-94 figure for Serial expenditures revised to $1,613,169.
	20	1993-94 figure for Total expenditures for library materials revised to $1,849,271.
	22-25	Includes fringe benefits.
	32-34	1993-94 figures revised to: Presentation to groups (32), 245; Total participants in group presentations (33), 26,667; Reference transactions (34), 55,868.
NATL. LIBRARY OF CANADA		All figures are as of March 31, 1995.
	1-4	Excludes Government documents.
	4, 5	In addition to monographs purchased, two copies of documents published in Canada are received on legal deposit.
	6	Includes all active serials (non-government, Canadian federal and provincial government, and UNESCO) which are counted as copies. The concept of "copy" is equivalent to a subscription.
	11	The figure provided in 1993-94 was an estimate. A proper count of the collection was done during 1994-95. Although the figure reported this year shows a slight decrease from the previous year, there has been an increase in both the literary manuscripts and archives as well as in the music manuscripts and archives.
	16-17	Canadian monographs and serials are received on legal deposit. Excludes materials purchased for staff as working copies.
	16-27	Expenditures reported in Canadian dollars were: (16) $732,549; (17) $992,856; (18) $670,445; (19) $55,550; (20) $2,451,400; (21) $18,855; (22) $11,322,576; (23) $9,482,189; (24) $307,782; (25) $21,112,727; (26) $11,156,354; (27) $34,739,336.
	26	No longer includes developmental costs for the AMICUS system, which became operational in 1995.
	28-31	Utilized person-years.
	32, 33	Figures represent actual numbers; previously, only an estimate was provided.
	38	Last year's figure reported the number of items provided instead of number of Filled requests.
NATL. LIBRARY OF MEDICINE		All figures are as of September 30, 1995.
		Volumes held September 30, 1994 revised to 2,103,223.
	1-3, 5-8	Includes Government documents; based on a combination of titles and volume counts.
	15	Includes filmstrips, slide sets, slide tapes, and audio materials.
	16-27, 28-31	Figures reflect the Library Operations component of the library: Public Services, Technical Services, Bibliographic Services, and History of Medicine Divisions, as well as the Medical Subject Headings staff, the staff of the Regional Medical Library program, and the Office of the Associate Director for Library Operations.
	17	1993-94 figure for Serial expenditures revised to $3,367,000.

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INSTITUTION	QUESTION NUMBER	NOTES
NEBRASKA	2	Includes volumes represented by GPO tapeload records. Includes a significant number of retrospectively converted Government documents.
	4, 10	Figures unavailable for Law library.
	6, 7	Includes Government documents.
	9	Figures not applicable for Law library.
	13	Law library reported 0. For other libraries, includes only those Government documents cataloged using OCLC.
	14-15	Includes only those Government documents cataloged using OCLC.
	26	Excludes $39,707 for building maintenance.
	28	Includes 2 FTE on grant funds.
	29	Includes 2 FTE support staff on grant funds.
	42	1993-94 figure for number of faculty revised to 1,282.
NEW MEXICO		Volumes held June 30, 1994, revised to 1,969,449 to include other campus libraries' holdings not previously reported.
		The General library, the Law library, and the Health Sciences Center library are separately funded and administered.
		Includes the following main campus libraries: Bainbridge Bunting Memorial Slide Library, MEC/Equity Library, and Tireman Learning Materials Library.
		Statistics reported for the UNM General library include Centennial Science and Engineering Library, Fine Arts library, Parish Memorial Library, Zimmerman Library, Center for Southwest Research, and Center for Academic Program Support, all located on main campus. Titles added to the OPAC for the following other main campus libraries are included in the General library volume count: Clark Field Archive, Native American Studies Center, and U.S.-Japan Center.
		Excludes the following branch campus libraries: Gallup Campus, Harwood Foundation, Los Alamos Campus, Santa Fe Graduate Center, Taos Education Center, Valencia County Campus.
	2	General library multiplies number of non-government document titles by conversion factor 1.2 to estimate volumes. General library divides number of Government document pieces by 5.2 to estimate volumes.
	5	A serials' cancellation project and a serials database cleanup project resulted in a reduction in serial subscriptions purchased.
	6-7	General library includes Government documents in Current serials received. Law library and Health Sciences Center library exclude Government documents from Current serials received.
	6	General library holdings reported based on actual count by University of Iowa of government depository serials currently received. A number of serials reported in 1993-94 as "received but not purchased" were found to have ceased publication.
	19	General library expenditures reported previously as Miscellaneous library materials are now being reported as Other operating expenditures.
	26	Includes appropriation from State Legislature for the General Library Center for Southwest Research.
	28-31	Includes 1 FTE professional staff and 2 FTE support staff in grant funded positions in the General library.

INSTITUTION	QUESTION NUMBER	NOTES
NEW MEXICO (cont'd)	29	Additional staff hired for systems support and for the Center for Southwest Research.
	33	Excludes participants in individualized instruction, in compliance with ARL instructions.
	35, 37	Bainbridge Bunting Memorial Slide Library included circulations for the first time.
NEW YORK		All figures as of August 31, 1995.
		Includes Elmer Holmes Bobst Library, Institute of Fine Arts, Real Estate Institute, Courant Institute of Mathematical Sciences, Kriser Dental Center, Ehrman Medical Library, and Law School library.
		Volumes held June 30, 1994 revised to 3,296,766. This figure has been adjusted to reflect the reduction of the Medical library's volume count by 38,410, reflecting their now accurate reading of their system.
	8	Includes collection of business-related materials that were not included previously.
	28	Includes professionals who are not librarians.
	34	This number is down significantly from last year. 1993-94 figure for Reference transactions incorrectly included directional transactions.
NEW YORK PUBLIC LIBRARY	1-3, 5-8	Includes Government documents.
	19	Includes CD-ROM expenditures.
	22-23	Expenditures for Salaries and wages for both Professional staff and Support staff is $20,970,023. Separate figures are unavailable.
	31	Includes number of positions authorized; does not reflect number of positions filled/vacant at any given time. Number also includes one-time only project positions.
NEW YORK STATE LIBRARY		All figures as of March 31, 1995.
		Medical and Law library statistics cannot be disaggregated from the main statistics, as the Medical and Law collections are an integral part of the main library.
	1-3, 5-8	Includes Government documents.
	16-27	Includes figures for NEH and library fund, as well as State and LSCA funds.
NORTH CAROLINA		Includes Institute of Marine Sciences library.
	1-3, 5-8	Includes Government documents.
	6	Increase from previous years reflects a more accurate count and not additional subscriptions.
	19	Miscellaneous library material expenditures include payments to LC Alert Service, Center for Research Libraries, and SOLINET.
	26	Includes one-third of expenditures, or $57,250, for software purchased by Duke on behalf of UNC, Duke, and NCSU.

INSTITUTION	QUESTION NUMBER	NOTES
NORTH CAROLINA (cont'd)	27	Includes $3,251,834 in grants, trust, and other special funds; excludes $176,171 in expenditures for the Triangle Research Libraries Network from funds contributed by Duke, North Carolina State, and North Carolina Central Universities.
	28-31	Includes 8.1 FTE on special grant funds; excludes 4 FTE paid from funds contributed by Duke, North Carolina State, and North Carolina Central Universities for support of the Triangle Research Libraries Network.
NORTH CAROLINA STATE		Includes Veterinary Medicine library.
	4	Includes some monographic standing order items paid from serials funds.
	13	Decline reflects adjustment of previous base figure.
	16-17	Some monographic series are paid from serials funds included in (17).
	18	Includes bibliographic utilities ($109,289) and memberships ($44,972).
	28	Includes 1 FTE grant-supported and 2.18 FTE temporary professional.
	29	Includes 1 FTE temporary non-professional.
	42	Revised fall 1994 faculty figures; fall 1995 faculty figures unavailable.
NORTHWESTERN		All figures are as of August 31, 1995.
		Includes Law and Health Sciences libraries on Chicago Campus (Medical and Dental libraries have merged to form Health Sciences library).
	1-3	Includes Government documents.
	8, 10, 11, 13-15	Excludes Health Sciences library.
	11, 33, 34	Excludes Law library.
	26	1990-93 figures for Other operating expenditures were incorrect; they should be: 1990, $1,552,321; 1991, $1,774,718; 1992, $1,379,030; 1993, $2,150,351.
	27	1990-93 figures for Total library expenditures were incorrect; they should be: 1990, $13,617,969; 1991, $14,470,878; 1992, $14,515,802; 1993, $15,926,970.
NOTRE DAME		Volumes held June 30, 1994 revised to 2,396,651 to include cataloged U.S. Government documents.
	18	Represents figures for major purchases only.
	33	Based on a uniform multiplier of 15 (multiplied by 849 presentations) for the university libraries and 20 (multiplied by 150 presentations) for the Law library.
OHIO STATE	1-7	Includes Government documents.
	10	Count includes individual issues of electronic serials that are cataloged and stored on an OSU computer.
	18-19	Includes only Law library expenditures. Data for other libraries included in Monograph expenditures (16) and Serial expenditures (17).
	26	Includes expenditures attributed in 1983-84 and earlier years to the University Computer Center.
	28-31	Includes 8.8 FTE positions funded by grants.

INSTITUTION	QUESTION NUMBER	NOTES
OKLAHOMA	1-3, 8	Excludes Government documents.
OKLAHOMA STATE		Includes Architecture, Curriculum Materials Laboratory, Patent and Economic Development, and Veterinary Medicine libraries. Includes the OSU technical branches in Oklahoma City and Okmulgee and OSU's College of Osteopathic Medicine in Tulsa.
	17, 20	Large increase in expenditures due to special outside funding and carry forward funds from the previous year.
	18	Large increase in Other library materials due to a substantially greater amount spent on computerized databases and related resources.
OREGON		Volumes held June 30, 1994 revised as 2,082,684.
	19	Miscellaneous library materials includes the University of Oregon System Computer files and search services, $178,724; Document delivery and interlibrary loan charges, $6,431; System maintenance and database services, $163,768; and Bibliographic utilities, networks, and consortia, $178,049.
	26	Includes other automated system hardware and software; all other supplies, services and equipment.
	27	Includes $567,857 for personnel, supplies and equipment for new programs commencing in 1994-95: Orbis union catalog, $273,467 and Information Technology Centers, $294,390.
	42	1993-94 figure for number of faculty revised to 756 to include research faculty omitted from original report.
PENNSYLVANIA		Volumes held June 30, 1994 revised to 4,209,747.
	1-3, 5-8	Includes Government documents.
PENNSYLVANIA STATE		Includes main campus and branches at Abington-Ogontz Allentown, Altoona, Beaver, Berks, Delaware, DuBois, Fayette, Hazleton, McKeesport, Mont Alto, New Kensington, Penn State Erie, Penn State Great Valley, Penn State Harrisburg, Schuylkill, Shenango Valley, Wilkes-Barre, Worthington-Scranton, and York, unless specified otherwise.
	13-14	Includes Main Campus only.
	34	Figure derived from sampling; extrapolation figure used: 412,987. Sampling for main campus only; actual numbers for branch campuses.
	37	Reserve circulation decreased due to items kept on open reserve, allowing patrons to help themselves without checking out the items, and due to our encouragement of faculty members to use course packets instead of placing items on reserve.
PITTSBURGH		Volumes held June 30, 1994 revised to 3,536,292.
		Includes branch campus libraries at Bradford, Greensburg, Johnstown, and Titusville.
	28-31	Three professional and three support staff are supported by grant and special project funds.
	34	The sampling statistic for number of Reference transactions includes only the Falk Library from the libraries in the Health Sciences Library System.
	36	Total circulation figure does not include the Blair Lippincott or Bergman Libraries from the Health Sciences Library System.

INSTITUTION	QUESTION NUMBER	NOTES
PITTSBURGH (cont'd)	37	Reserve circulation figure does not include the Western Psychiatric Institute and Clinic library from the Health Sciences Library System.
	38-39	Interlibrary Loan figures do not include the Blair Lippincott Library from the Health Sciences Library System.
	42	The School of Medicine's full-time instructional faculty are not included, per IPEDS definition, even though the school's data are included in the Ph.D. degrees, enrollment items, and all other sections.
PRINCETON	1-3, 5-8	Includes Government documents.
	25	Figures prior to 1985-86 included fringe benefits.
	26	Figures before 1991 do not include non-salary expenditures for grant funded projects or photo-services.
PURDUE		Volumes held June 30, 1994 revised to 2,200,410.
		Excludes branch campuses at Purdue North Central in Westville, Purdue Calumet in Hammond, and Purdue Fort Wayne in Ft. Wayne, IN.
	1-3	Includes cataloged Government documents.
	4	The number of monographic volumes purchased excludes volumes purchased on sponsored research programs.
	38	Filled requests provided increased due to turning over part of interlibrary loan operation to a second unit specifically designed to serve off campus commercial customers.
QUEEN'S		All figures are as of April 30, 1995.
	1-15	Excludes Government documents.
	13	Excludes Education library.
	17	Includes microforms.
	18	Includes audiovisual materials only.
	16-27	Expenditures reported in Canadian dollars were: (16) $1,422,141; (17) $3,489,584; (18) $26,431; (19) $0; (20) $4,938,156; (21) $188,932; (22) $2,070,312; (23) $4,341,670; (24) $292,117; (25) $6,704,099; (26) $657,639; (27) $12,488,826.
	28	Includes 2 FTE Librarian contract positions paid on soft money, not operating funds.
	42	All ranks combined, including deans and excluding medical and dental instructors. Data is from 1994-95 University Budget Document, FTE.
	43-46	Enrollments as of November 1, 1994.
	43, 45	1993-94 figures for full-time undergraduates and full-time graduates revised to 11,068 and 2,116, respectively.
RICE	5-7	Includes Government documents. Reduction due to recalculation of Government document and electronic serials.
	11	Manuscripts and archives are in cubic feet.
	19	Miscellaneous expenditures: Memberships for purposes of publications and access, $41,720; ILL, $29,229; Library system and computer software, $204,244.

INSTITUTION	QUESTION NUMBER	NOTES
RICE (cont'd)	22-25, 28, 31	Reduction due to a change in reporting lines of Information Services (computing) staff.
	38-39	Excludes borrowing and lending activity for fee-based off-campus information delivery operation.
ROCHESTER	1	Basic volume count for Sibley Music Library is bibliographic.
	1, 4	Includes Government documents for River Campus libraries.
	2, 3	Excludes Government documents for River Campus libraries.
	4	Title count for Edward G. Miner Library.
	5	Includes purchased duplicate subscriptions for River Campus libraries.
	6	Not kept separately of Sibley Music Library, included in Current serials purchased (5).
	9	Excludes Sibley Music Library.
	10	Not kept separately of Sibley Music Library, included in Film and Video (15).
	11	Estimated for Sibley Music Library.
	12	1993-94 figure for Cartographic materials from the River Campus libraries was incorrect. Total figure revised to 97,712.
	13	Edward G. Miner Library only.
	14	Excludes Edward G. Miner Library.
	17	River Campus libraries includes monographic series and electronic serials.
	18	For Sibley Music Library, figure includes Audiovisual only; Microforms and MRDF's included in Monograph expenditures (16). For River Campus libraries, included in Monograph expenditures (16).
	19	River Campus libraries only.
	42	Faculty information as reported on IPEDS-SA(AAUP).
	43	Includes undergraduates, graduates and M.D.s.
	45, 46	Excludes M.D.s.
RUTGERS		Figures include two law libraries, services to a non-Rutgers medical school, and campuses in Camden, Newark, and New Brunswick.
	1, 3	Includes newly cataloged Government documents.
	12-15	Total Audiovisual materials is 105,204 items.
	19	Includes memberships ($120,771).
	19, 20, 27	1993-94 figure for Miscellaneous library materials revised to $298,025; Total library materials revised to $6,832,251; Total library expenditures revised to $22,670,554.
	25, 31	Excludes staff hired for special projects and grants.
SASKATCHEWAN		All figures are as of April 30, 1995.
		Volumes held April 30, 1994 revised to 1,620,102.

INSTITUTION	QUESTION NUMBER	NOTES
SASKATCHEWAN (cont'd)		Excludes Theological College libraries on campus which are not part of the library system.
	1-7	Includes Government documents.
	4	Titles purchased.
	6	Includes 4,326 Government publication subscriptions received on deposit and 696 gifts.
	16-27	Expenditures reported in Canadian Dollars were: (16) $959,095; (17) $3,701,120; (18) U/A; (19) $22,472; (20) $4,682,687; (21) $96,233; (22) $1,823,504; (23) $3,114,395; (24) $201,619; (25) $5,139,518; (26) $628,471; (27) $10,546,909.
	37	Included in number of Initial circulations (35).
	38-39	1993-94 figure for total number of Filled requests provided (38) revised to 10,477; Total nuraber of Filled requests received (39) revised to 13,579.
SMITHSONIAN		All figures are as of September 30, 1995. Branches outside Washington DC include: Center for Astrophysics, Cambridge, MA and Mt. Hopkins, AZ; Cooper-Hewitt Museum of Decorative Arts and Design, New York City; and Smithsonian Tropical Research Institute in Panama.
	1-4	As purchasing agent for all library materials for the Smithsonian Institution, Smithsonian Institution Libraries (SIL) purchases monographs and serials for some libraries which are not under SIL administration. The non-SIL libraries are located in the Hirshhorn Museum and Sculpture Garden, Woodrow Wilson International Center for Scholars, National Museum of American Art, National Portrait Gallery, and the Gustav Heye Center of the National Museum of the American Indian. Purchases for non-SIL libraries are not added to the SIL collections and therefore are not included in these numbers.
	2	Represents volumes received in the SIL branches. Microforms are not included.
	5	In 1995, 2,987 serials were purchased for SIL collections, 693 for non-SIL. Represents the number of titles, not volumes. Includes purchases for SIL and non-SIL libraries. The cost of purchases for non-SIL libraries is included in Monograph expenditures (16) and Serial expenditures (17).
	16	Includes expenditures for both print and non-print items; the amount for non-print items cannot be disaggregated from the total. Includes $345,102 for SIL collections and $93,355 for non-SIL collections.
	17	Includes $725,319 for SIL collections and $87,425 for non-SIL collections.
	18	Includes $13,765 for ILL and $50,700 for preservation and conservation contracts.
	19	Includes $50,565 for database searching, $5,736 for document delivery, and $131,881 for OCLC.
	24	During FY 1995, thirteen different students worked an estimated total of 3.5 FTE.
	25	Actual "on board" costs. Does not include any "lapsed salaries" due to vacancies. Lapsed salaries were reprogrammed for expenditures in other areas.

INSTITUTION	QUESTION NUMBER	NOTES
SMITHSONIAN (cont'd)	26	Includes $387,050 for the total of contract cataloging ($383,350), and HOLLIS utility for serials check-in ($3,700). The remaining $305,472 includes expenditures for general, preservation, and automation supplies and equipment purchases, memberships, and miscellaneous contracts. Excludes $1,233,591 for: health and medical benefits ($974,089), travel ($27,984), training ($24,789), building maintenance ($1,347), equipment maintenance and service ($60,059), public and staff programs ($28,111), and miscellaneous programs ($117,212). Total funding from federal and private sources totaled $7,938,007. $860,229 of endowment and special purpose funds were carried forward to 1996.
	32	There is no formal bibliographic instruction program. Instruction is provided to patrons as needed.
	34	Includes any time spent on bibliographic instruction as the need arose, for individual or group.
	35-37	There is no reserve collection.
SOUTH CAROLINA		Volumes held June 30, 1994 revised to 2,639,171.
	4	Includes the purchase of the second part of the Ross Roy Collection and of the F. Scott Fitzgerald Collection.
	26	Includes expenditures for a multi-media classroom and for an expansion of the student computer lab.
SOUTHERN CALIFORNIA		Includes Law library, which is an administratively separate library located on Main Campus. Includes Health Sciences Library System, which is an administratively separate system and located on a separate Health Sciences Campus except for the Dental library, which is located on Main Campus. Excludes the Safety and Systems Management library. Basis of volume count in Main Campus and Law libraries is bibliographic; in Health Sciences library, it is physical.
	5-7	Includes 19,545 serials purchased and 3,629 serials received but not purchased for Main Campus and Health Sciences libraries. The Law library holds a total of 4,055 purchased and non-purchased serials.
	8	Increase due to purchase of large number of Serial set microfiche.
	12	Figure is unavailable for Main Campus. Figure for Law library is 33.
	15	Includes videos absorbed from collection at Cinema/TV school.
	28-30	Staff for special projects and grants totals five people.
	31	Increase in FTE is the result of opening a new library.
	32-34	Data are for Main Campus and Health Sciences libraries; Law library figures unavailable.
	35	Increase due to opening a new 24-hour library.
	36	Law library figure does not include renewals.
	40	Ph.D. figures are for 1993-94.
SOUTHERN ILLINOIS		Excludes School of Medicine library (Springfield), which is not administratively part of Library Affairs.
	1-3	Includes Government documents.
	4	Figure reflects title count.

INSTITUTION	QUESTION NUMBER	NOTES
SOUTHERN ILLINOIS (cont'd)	6	Figure now includes titles in the law library not previously reported.
	40	1993-94 figure for Ph.D. degrees awarded revised to 156.
STANFORD		Figures include Hopkins Marine Station Library.
		All totals reflect 1991-92 figures for the Stanford Linear Accelerator Center, which was unable to report in 1992-93 or 1993-94.
		Medical and Law library statistics cannot be disaggregated from the main statistics, as the Medical and Law collections are an integral part of the main library.
	1-3, 5-8	Includes Government documents.
	16, 17	Figures are as of August 31, 1994.
	27	Includes $116,110 in grant and contract funds.
	31	Includes 3.16 FTE paid from grant and contract funds.
SUNY-ALBANY		Includes the Dewey Graduate Library of Public Affairs and Policy on East campus.
	4	Figure reflects title count.
	19	Includes: ILL services, $25,690; memberships, $133,932; bibliographic utilities, $180,646; computer-based reference services, $58,897; EAI tapes, $19,500.
	22-23	As previously reported, salary breakdown is based on a percentage formula.
	25	Includes estimated 1.5 FTE professional, 5.3 FTE support staff, and 6.4 FTE student assistants in cost recovery positions and from grants.
SUNY-BUFFALO	7	Excludes Government documents.
	12-15	Figures are estimated.
	19	Includes memberships ($46,000) and bibliographic utilities and literature searching ($165,898).
	25	Excludes federal work-study funding.
	40	Figure is as of June 30, 1995.
	42	1993-94 figure for number of faculty revised to 1,282.
SUNY-STONY BROOK	1, 3	Reflects extensive weeding project in Medical library.
	5	Includes all serials received by Medical library.
	6	Decrease reflects decline in number of print serials issued by GPO.
	9	Increase reflects change in formula used to count documents.
	13	Increase reflects 8,000 previously uncounted items from Special Collections.
	15	Includes 1,500 previously uncounted 16mm films.
	17, 20	Expenditure from base budget. Excludes $276,480 paid by credit memos as result of previous year's cancellation project.

INSTITUTION	QUESTION NUMBER	NOTES
SUNY-STONY BROOK (cont'd)	19	Includes some expenditures for bibliographic utilities and automation, literature searching, memberships, and binding. Excludes $75,000 in binding reported here in previous years.
	21	Includes $75,000 from materials budget. In past years, this was reported in Miscellaneous materials expenditures (19).
	25	Includes some retroactive payments and early retirement benefits.
	27	Includes $259,669 from income fund and grants.
	28	Reflects early retirement and frozen personnel lines.
	34	Includes reference statistics from branch libraries and other public service units not included in previous years.
SYRACUSE		Total volume count is only figure that includes branch campus (the library of the Study Abroad program in Florence, Italy).
	5, 6	Figures estimated.
	11	Includes 15,000 linear feet of University Archives and 5,000 feet of Special Collections material in remote storage. Excludes School of Law manuscripts and archives
	22	Includes $74,000 for Computing and Media Services staff.
	26	Includes $206,501 in one-time funding for computer hardware and $536,503 in Computing and Media Services staff and operating expenses.
	28	Includes 1.5 FTE professional staff in Computing and Media Services staff.
	30	1993-94 figure for Student assistants revised to 45.
	40	Excludes 248 J.D.s (College of Law).
	42	1993-94 figure for Full-time instructional faculty revised to 891.
	43	1993-94 figure for full-time students revised to 14,113.
TEMPLE		Includes the Ambler and Tyler campuses.
	15	Figure reflects the closing of the libraries' film collection.
	18	Starting with FY1994-95, this figure now includes expenditures for electronic access to external online databases. It also includes Law library expenditures for other library materials, which were unavailable in FY1993-94.
	40	Includes all academic doctoral degrees.
TENNESSEE		Volumes held in June 30, 1994 revised to 2,072,363.
		Includes Knoxville Campus only.
	2	During latter part of year, cataloging concentrated on inventory of a large section of the database in preparation for system migration. This focus resulted in a substantial increase in withdrawn volumes and a related decrease in new cataloging volumes.
	18	Figure cannot be disaggregated from Monograph expenditures (16) and Serials expenditures (17).
	27	Includes $448,410 from Restricted Accounts (e.g., endowed funds).
	41	1993-94 figure for Ph.D. degrees awarded revised to 48.

INSTITUTION	QUESTION NUMBER	NOTES
TEXAS		All figures are as of August 31, 1995 and include the General libraries, the Humanities Research Center, and the Tarlton Law Library.
	4	Includes 42,663 monographic volumes purchased by the General libraries, 1,789 purchased by the Tarlton Law Library, and 1,069 by the Humanities Research Center.
	5	Includes 21,031 Current serials purchased by the General libraries, 6,083 purchased by the Tarlton Law Library, and 302 by the Humanities Research Center.
	6	Includes 21,110 serials received but not purchased by the General libraries, 3,268 received by the Tarlton Law Library, and 43 received by the Humanities Research Center.
	16	Includes expenditures for monographs of $2,027,571 by the General libraries, $69,106 by the Tarlton Law Library, and $66,850 by the Humanities Research Center.
	17	Includes expenditures for Current serials of $3,165,696 by the General libraries, $673,458 by the Tarlton Law Library, and $9,398 by the Humanities Research Center.
	18	Includes expenditures of $186,525 by the General libraries, $43,287 by the Tarlton Law Library, and $511,312 by the Humanities Research Center.
	19	Includes expenditures of $9,851 by the General libraries.
	20	Includes expenditures of $5,389,643 by the General libraries, $785,851 by the Tarlton Law Library, and $587,560 by the Humanities Research Center.
	24	Includes federal work-study funds.
	29	Includes 9.925 FTE staff hired on grant funds.
	41	Includes Ed.D. degrees.
	42	Budgeted FTE.
TEXAS A&M		All figures are as of August 31, 1995.
		Medical library is a separate academic entity.
		Texas A&M University at Galveston is included.
	6-7	Excludes uncataloged Government documents serials.
	11, 13, 32, 33	Increases due to actual numbers now being reported, rather than estimates as in previous years.
	26	Includes $750,000 for Computer Services Center operation of NOTIS.
	28-31	There was a temporary freeze in staff positions.
	41	1993-94 figure for Ph.D. fields revised to 97.
	42	Figure is based on nine months at 100% effort.
TORONTO		All figures are as of April 30, 1995.
		Includes only the libraries of the University within the President's budget; excludes those of the federated and affiliated institutions.
	2, 3, 5	Includes monographic series and Government documents.
	9	Included in Microform units (8).
	18-19	Included in Monograph expenditures (16) and Serials expenditures (17).

INSTITUTION	QUESTION NUMBER	NOTES
TORONTO (cont'd)	16-27	Expenditures reported in Canadian dollars were: (16) $6,171,870; (17) $7,231,458; (18) U/A; (19) U/A; (20) $13,403,328; (21) $368,308; (22) $9,448,194; (23) $13,289,069; (24) $2,100,923; (25) $24,838,186; (26) $1,851,509; (27) $40,456,331.
TULANE	18	Includes database subscriptions and electronic materials in the law library.
	23	Increase due to a major adjustment in support staff salaries throughout the university.
UTAH		Volumes held June 30, 1994 revised to 2,409,405.
		Law and Medical libraries' statistics have been included with the main statistics since 1992-93.
	1-3	Includes cataloged Government documents.
	5-7	Includes Government documents.
	17	1993-94 figure for Filled requests received revised to 12,753.
VANDERBILT		Volumes held June 30, 1994 revised to 2,276,710.
		Main campus libraries included are: Central, Science, Divinity, Education, Management, Music, Special Collections, and University Archives.
	2	Includes Government documents volumes not previously counted.
	8	Reflects addition of Government documents not previously counted.
	9	Figure has been adjusted downward to reflect the count in volumes held.
	42	Full-time instructional faculty figure includes clinical faculty.
VIRGINIA		Volumes held June 30, 1994 revised to 4,068,390.
	1	Includes 9,138 newly cataloged documents which were previously counted in Government documents (9).
	5-7	Includes Government document serials. Includes monographic series in Health Sciences and Law libraries.
	8	Includes Government documents in microformats.
	9	Includes all U.S., international, and Virginia state documents in separate documents collection, excluding those represented by OPAC records.
	17	Includes expenditures for monographic series in Health Sciences and Law libraries.
	22-25	At Health Sciences library, some of the positions are not state-funded; in those positions, the fringe benefits are included in the expenditures.
	33	1993-94 figure for Participants in group presentations revised to 10,967.
VPI & SU		Volumes held June 30, 1994 revised to 1,910,263.
	2	1993-94 figure for Volumes added gross revised to 66,905.
	5-7	Includes Government documents, based on ARL formula. Previously reported figures were estimates.
	11	Figure represents an actual measurement of the collections, rather than an entire estimate as in previous years.

INSTITUTION	QUESTION NUMBER	NOTES
VPI & SU (cont'd)	16	Includes firm order approval and blanket order monographs.
	19	Includes bibliographic utilities ($120,000), literature searching, membership dues (ARL, CNI, CRL), interlibrary loans, postage and handling, and VPI dissertation filming.
	41	In addition to the reported 47 fields in which Ph.D.s can be awarded, Ed.D.s can be awarded in 6 fields and D.V.M.s can be awarded in 1 field.
WASHINGTON	4, 9-15, 32, 35-37, 40-41	Excludes Law library.
	34	Law library figure only. Excludes Main/Medical libraries.
	42-46	Excludes Medical library.
WASHINGTON STATE		Excludes branch campuses at Spokane, Tri-Cities, and Vancouver.
	12-15	Figures include Manuscripts, Archives, and Special Collection items in addition to Media Materials Services collection.
	16-27	Includes expenditures for CD-ROMs, Microforms, and Manuscripts and archives items.
	18	Media Materials Services films and videos only.
	19	CRL membership dues.
	26	Includes Friends of the Library and library development funds.
WASHINGTON U.-ST. LOUIS	4, 6	Figures unavailable for all libraries.
	9	Separate figures are for Social Work library only.
	18	Separate figures unavailable for central library.
	19	Includes bibliographic utilities, searching, retrospective conversion, interlibrary loan, and document delivery. These expenditures could not be separated for some libraries and appear in Other operating expenditures (26).
	32-35	Figures unavailable for some departmental libraries.
	36	Circulation and reserve transactions combined for departmental libraries (online system does not separate transactions. Total departments under central administration transactions = 128,462.)
	37	Separate figures unavailable for libraries under Central Administration and are included in Total circulations (36).
WATERLOO	16-27	Expenditures reported in Canadian dollars were : (16) $1,422,485; (17) $2,753,741; (18) U/A; (19) $249,997; (20) 4,426,223; (21) $118,849; (22) $2,392,281; (23) $3,343,027; (24) $495,131; (25) $6,230,439; (26) $856,615; (27) $11,632,124.
	28	1993-94 figure for Professional staff revised to 43.
	29	1993-94 figure for Support staff revised to 121.
WAYNE STATE		All figures are as of September 30, 1995.
		Includes Reuther Archives of Labor and Urban Affairs and College of Pharmacy and Allied Health Professionals.

INSTITUTION	QUESTION NUMBER	NOTES
WAYNE STATE (cont'd)		Medical and Law library statistics cannot be disaggregated from the main statistics, as the Medical and Law collections are an integral part of the Main library.
	1-7	Includes Government documents, based on sampling.
	18	Figure cannot be disaggregated from Monograph expenditures (16) and Serial expenditures (17).
WESTERN ONTARIO		All figures are as of April 30, 1995.
		Medical library statistics cannot be disaggregated from the main statistics, as the Medical collection is an integral part of the Sciences library.
	16-27	Expenditures reported in Canadian dollars were: (16) $1,661,866; (17) $4,163,755; (18) U/A; (19) U/A; (20) $5,825,621; (21) $178,087; (22) U/A; (23) U/A; (24) U/A; (25) $8,144,459; (26) $1,002,063; (27) $15,150,230 .
WISCONSIN		Volumes held June 30, 1994 revised to 5,538,295.
	1	Includes maps not included in Cartographic (12).
	7-9	Some government document serials are assigned Library of Congress numbers and are in the serials count.
	12	Includes maps not included in Volumes held June 30, 1995 (1).
YALE		Volumes held June 30, 1994 revised to 9,485,823.
	16-19	1993-94 figures for Monograph expenditures (16) revised to $3,494,000; Serials expenditures (17) revised to $4,519,000; Other library materials (18) revised to $3,447,000; Miscellaneous expenditures (19) revised to $0.
YORK		All figures are as of April 30, 1995.
		Includes Glendon Campus.
	13	Additional holdings 1,137 linear feet.
	16-27	Expenditures reported in Canadian dollars were: (16) $1,658,218; (17) $2,831,250; (18) $400,681; (19) $256,934; (20) $5,147,083; (21) $206,376; (22) $3,251,578; (23) $4,427,725; (24) $851,449; (25) $8,530,752; (26) $1,571,857; (27) $15,456,068.
	26	Includes bibliographic utilities (Can. $112,171), online searching (Can. $4,648), and tattletapes (Can. $13,288).

APPENDIX A

THE ASSOCIATION OF RESEARCH LIBRARIES

The Association of Research Libraries (ARL) represents the interests of 119 libraries that serve major North American research institutions. ARL operates as a forum for the exchange of ideas and as an agent for collective action to influence the forces affecting the ability of these libraries to meet the future needs of scholarship. The ARL Statistics and Measurement Program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries. The program offers publications and special member services, and collaborates with other national and international library statistics programs. Data collected include salaries, library holdings, expenditures, staff, interlibrary lending, and preservation activities.

The members of the Association are:

Institution	Category	Full Name of Institution	Location
Alabama	S	University of Alabama	Tuscaloosa, Alabama
Alberta	C	University of Alberta	Edmonton Alberta
Arizona	S	University of Arizona	Tucson, Arizona
Arizona State	S	Arizona State University	Tempe, Arizona
Auburn	S	Auburn University	Auburn, Alabama
Boston	P	Boston University	Boston, Massachusetts
Brigham Young	P	Brigham Young University	Provo, Utah
British Columbia	C	University of British Columbia	Vancouver, British Columbia
Brown	P	Brown University	Providence, Rhode Island
California, Berkeley	S	University of California, Berkeley	Berkeley, California
California, Davis	S	University of California, Davis	Davis, California
California, Irvine	S	University of California, Irvine	Irvine, California
California, Los Angeles	S	University of California, Los Angeles	Los Angeles, California
California, Riverside	S	University of California, Riverside	Riverside, California
California, San Diego	S	University of California, San Diego	La Jolla, California
California, Santa Barbara	S	University of California, Santa Barbara	Santa Barbara, California
Case Western Reserve	P	Case Western Reserve University	Cleveland, Ohio
Chicago	P	University of Chicago	Chicago, Illinois
Cincinnati	S	University of Cincinnati	Cincinnati, Ohio
Colorado	S	University of Colorado	Boulder, Colorado
Colorado State	S	Colorado State University	Fort Collins, Colorado
Columbia	P	Columbia University	New York, New York
Connecticut	S	University of Connecticut	Storrs, Connecticut
Cornell	P	Cornell University	Ithaca, New York
Dartmouth	P	Dartmouth College	Hanover, New Hampshire
Delaware	S	University of Delaware	Newark, Delaware
Duke	P	Duke University	Durham, North Carolina
Emory	P	Emory University	Atlanta, Georgia
Florida	S	University of Florida	Gainesville, Florida
Florida State	S	Florida State University	Tallahassee, Florida
Georgetown	P	Georgetown University	Washington, DC
Georgia	S	University of Georgia	Athens, Georgia
Georgia Tech	S	Georgia Institute of Technology	Atlanta, Georgia
Guelph	C	University of Guelph	Guelph, Ontario
Harvard	P	Harvard University	Cambridge, Massachusetts
Hawaii	S	University of Hawaii	Honolulu, Hawaii
Houston	S	University of Houston	Houston, Texas
Howard	P	Howard University	Washington, DC
Illinois, Chicago	S	University of Illinois at Chicago	Chicago, Illinois
Illinois, Urbana	S	University of Illinois at Urbana	Urbana, Illinois
Indiana	S	Indiana University	Bloomington, Indiana
Iowa	S	University of Iowa	Iowa City, Iowa
Iowa State	S	Iowa State University	Ames, Iowa
Johns Hopkins	P	Johns Hopkins University	Baltimore, Maryland
Kansas	P	University of Kansas	Lawrence, Kansas
Kent State	S	Kent State University	Kent, Ohio
Kentucky	S	University of Kentucky	Lexington, Kentucky
Laval	C	Laval University	Quebec
Louisiana State	S	Louisiana State University	Baton Rouge, Louisiana
McGill	C	McGill University	Montreal, Quebec
McMaster	C	McMaster University	Hamilton, Ontario
Manitoba	C	University of Manitoba	Winnipeg, Manitoba
Maryland	S	University of Maryland	College Park, Maryland
Massachusetts	S	University of Massachusetts	Amherst, Massachusetts
MIT	P	Massachusetts Institute of Technology	Cambridge, Massachusetts
Miami	P	University of Miami	Coral Gables, Florida

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity

Institution	Category	Full Name of Institution	Location
Michigan	S	University of Michigan	Ann Arbor, Michigan
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota
Missouri	S	University of Missouri	Columbia, Missouri
Nebraska	S	University of Nebraska-Lincoln	Lincoln, Nebraska
New Mexico	S	University of New Mexico	Albuquerque, New Mexico
New York	P	New York University	New York, New York
North Carolina	S	University of North Carolina	Chapel Hill, North Carolina
North Carolina State	S	North Carolina State University	Raleigh, North Carolina
Northwestern	P	Northwestern University	Evanston, Illinois
Notre Dame	P	University of Notre Dame	Notre Dame, Indiana
Ohio State	S	Ohio State University	Columbus, Ohio
Oklahoma	S	University of Oklahoma	Norman, Oklahoma
Oklahoma State	S	Oklahoma State University	Stillwater, Oklahoma
Oregon	S	University of Oregon	Eugene, Oregon
Pennsylvania	P	University of Pennsylvania	Philadelphia, Pennsylvania
Pennsylvania State	S	Pennsylvania State University	University Park, Pennsylvania
Pittsburgh	S	University of Pittsburgh	Pittsburgh, Pennsylvania
Princeton	P	Princeton University	Princeton, New Jersey
Purdue	S	Purdue University	West Lafayette, Indiana
Queen's	C	Queen's University	Kingston, Ontario
Rice	P	Rice University	Houston, Texas
Rochester	P	University of Rochester	Rochester, New York
Rutgers	S	Rutgers University	New Brunswick, New Jersey
Saskatchewan	C	University of Saskatchewan	Saskatoon, Saskatchewan
South Carolina	S	University of South Carolina	Columbia, South Carolina
Southern California	P	University of Southern California	Los Angeles, California
Southern Illinois	S	Southern Illinois University	Carbondale, Illinois
Stanford	P	Stanford University	Stanford, California
SUNY-Albany	S	State University of New York at Albany	Albany, New York
SUNY-Buffalo	S	State University of New York at Buffalo	Buffalo, New York
SUNY-Stony Brook	S	State University of New York at Stony Brook	Stony Brook, New York
Syracuse	P	Syracuse University	Syracuse, New York
Temple	S	Temple University	Philadelphia, Pennsylvania
Tennessee	S	University of Tennessee	Knoxville, Tennessee
Texas	S	University of Texas	Austin, Texas
Texas A&M	S	Texas A&M University	College Station, Texas
Toronto	C	University of Toronto	Toronto, Ontario
Tulane	P	Tulane University	New Orleans, Louisiana
Utah	S	University of Utah	Salt Lake City, Utah
Vanderbilt	P	Vanderbilt University	Nashville, Tennessee
Virginia	S	University of Virginia	Charlottesville, Virginia
VPI & SU	S	Virginia Polytechnic Institute & State University	Blacksburg, Virginia
Washington	S	University of Washington	Seattle, Washington
Washington State	S	Washington State University	Pullman, Washington
Washington U.-St. Louis	P	Washington University	St. Louis, Missouri
Waterloo	C	University of Waterloo	Waterloo, Ontario
Wayne State	S	Wayne State University	Detroit, Michigan
Western Ontario	C	University of Western Ontario	London, Ontario
Wisconsin	S	University of Wisconsin	Madison, Wisconsin
Yale	P	Yale University	New Haven, Connecticut
York	C	York University	North York, Ontario
Boston Public Library	N	Boston Public Library	Boston, Massachusetts
Canada Inst. for SciTech	X	Canada Inst. for Scientific & Technical Information	Ottawa, Ontario
Center for Research Libs.	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, DC
Linda Hall Library	N	Linda Hall Library	Kansas City, Missouri
Natl. Agricultural Lib.	N	National Agricultural Library	Beltsville, Maryland
Natl. Library of Canada	X	National Library of Canada	Ottawa, Ontario
Natl. Library of Medicine	N	National Library of Medicine	Bethesda, Maryland
New York Public Library	N	New York Public Library	New York, New York
New York State Library	N	New York State Library	Albany, New York
Smithsonian Institution	N	Smithsonian Institution	Washington, DC

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity

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ISSN 0147-2135

1994-95

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